添付資料

資料-7 自然条件調査

Project Topographic survey and soil investigation for the preparatory survey on the digital terrestrial television network project in the Republic of Sheet No. BH-O	ξl	•	륟	盲	Inte	LS	& onal	AM private li	IN mited		52	el/ Fax: + 2, Boduth mail: info	akuı	rufaa	nu M	lagu,	Maafanr	iu, N	/Iale	' 20-	-01, M		ves.
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NE HB			ntered Bound	CS- Core Sample V - Vane										ganic con		as the ze	12	Drilled B	у:	
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	ELS&AMIN
Project	Topographic survey an the digital terrestrial tel
	M/s. Yachiyo Engineeri

Tel/ Fax: +960 334 6000, Mobile Hotline: 790 6000 52, Boduthakurufaanu Magu, Maafannu, Male' 20-01, Maldives. Email: info@elsamin.com.mv, Web: www.elsamin.com.mv

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CWI		the number of blows for the quoted penetration is given (not N-value) Ground Water Level observed inside the						W - Water Sample	G - Grain Size					ited Undrain		ground	_	Supe	ervised	By:	
GWL						ıne		WS-Wgrey Sample UD- Undisturbed Sample	SG -Specific C B - Bulk Dens		st	pH - Ch		dated Undra	ined	consi		1	La	hiru	
NE	Borehole, after the saturation Not Encountered -Hammer Bounce							CS- Core Sample	V - Vane She	-		O - Org		ntent		as the		Drill	ed By:		
HB				e				Cr - Core Recovery (%)						Content		lev	'el		Б	no1.1	
FD XXX	_	ee Do		d	× _× ×∪×	C:14		RQD-Rock Quality Designation (%)	ΔΔΔΔ	.,		Cl' - Clo	_		***	1 :-		 	Dan	ushka	
~~~	i		Groun	ıu	x^ _* ^x	Silt		Gravel		erite No	dules		=	ompletel	-		lock		<u>.</u>	ъ	,
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	5	를	5				AM private li		5	2, Boduth	akuı	rufaa	nu M	lagu, I	ile Hotline: Maafannu, l Web: www.	Male' 20	-01, M		ves.
Pro	ojeo	et			Tope	ograp ligital	ohic surv terrestr	ey and soil invest ial television netv	igation	for the pre	par	atory	surv		Borehole		ВН		
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Loc			.41				ıdhufushi	Rig Drilling Method	Track W				54m		Ground	Water le	vel	0.60	m
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(E)	pu		ec.	- G	(m)	р		Cail Dagarin			F	ield R		ds –		d Shear Str		/m²	-
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-			ws			. · · ·		and sea shell fragn	_										_
3.00						0		· ·		1							$\top$		_
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HB FD		mmer ee Dov		ce				Cr - Core Recovery (%) RQD-Rock Quality Designa	ation (%)					Sulphate Coride Conte		level	In	anushka	
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	•	를		Int	ernatio	onal p	AMIN private limited	Tel/ Fax 52, Bodu Email: in	thaku 1fo@e	ırufaa İsami	nu M n.cor	Iagu, n.mv	Maafa , Web:	nnu, N	Male':	20-01	, Ma n.m	ıldives v
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							iyo Engineering Co.Ltd						She			2	of	2
Loca								Wheel Core			54m		C	round	Water	level	(	).60 m
Date					22.01				ng dep		15.0	0m	- c	oordina	ates			
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я	р				n)				]	Field I	Recor	ds	T.		ture Co			2
th (	Con	0.	ype	rced	th (i	end	Soil Description			(S	PT)	ŀ	10 20	ndrained 30	40 50		n - t/1	n <del>- 90</del> ●
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend			Ε	Ε	В	r t			esistance			
10.00							Continue from Page 1		15cm	15cm	15cm	Z	5 1	0 15	20 25	30	35 4	0 45
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						0.	Same as previous		38/ HB			>50						
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-						00	Off white porous highly weath									+		
			CS			ňΟ	fractured CORAL ROCK; Cor			=13%	RQD	=0%						
F						0,0	recovered as coarse irregular sh	naped grave	ls							+		
						0										+		
12.00						00										_		
					12.00	00									+	+		
L						0	Offwhite porous highly weath											
			CS			I V .	fractured CORAL ROCK; Latte			=40%	ROD	=0%				_		
13.00			CD			00	coral rock was recovered as coa	_	ar	.=+0 /0	RQD	/=0/0						
						ňΟ	shaped gravels and peb	bles										
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					-	0,			_			$\dashv$						
14.00					13.50	0	Off white porous highly weath	nered highly	,									
						00	fractured CORAL ROCK; Cor		3									
						_	recovered as coarse irregular sh		( '3	=16%	RQD	=0%						
H			CS			00	and pebbles	inped grave	15									
15.00						00	and peoples									+		
15.00					15.00		END OF THE DODE HOLE	AT 15 00		1		$\dashv$				+		
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20.00									Sample Key / Test Key										Remar	·ks	Logged F	By:
SPT			•		n has not b			D - Distu SS -SPT :	urbed Sample Sample		atural Moist tterberg Lin			C - Conso			pressio	n	Existi	ino	I	_ahiru
	is g	ven (no	ot N-v	alue)				W - Wate	er Sample	G - Gr	rain Size An	nalysis		CU - Con	nsolida	ted Und	<del>lrained</del>	ı	ground	0	Supervise	ed By:
GWL				evel obse he saturat	erved inside	e the			ey Sample isturbed Sample		pecific Grav ulk Density			UU-Unco pH - Che		lated Ui	ndraine	ed	conside	ered	I	.ahiru
NE	Not E	ncounte	ered					CS- Core	Sample	V - Vε	ane Shear T	est		O - Orgai	nic con	itent			as the z		Drilled B	<u>y:</u>
HB	-Har	nmer B	ounce	e				Cr - Core	Recovery (%)					SO ₄ ² - Su	ulphate	Conter	nt		leve	el .		
FD	- Fre	e Down	1						ck Quality Designation (%)	<u> </u>				Cl - Clor	ide Co.	ntent					Di	mushka
$\rangle\rangle\rangle\rangle$	Ma	de Gr	oun	d	x××××	Silt		ಌೢೢೢ	Gravel		Laterit	e Nod	lules	<u> </u>	_ C(	omple	etely	Weatl	hered Ro	ock .	$\simeq$	
	Cla	y				San	d	* * *	Organic Matter	x x	Silty S	and			Hig	hly W	Veath	nered I	Rock		Fres	h Rock

F	•	占	量	E Inte	LS	& .	AMI private lin	IN mited	52	, Boduth	akuı	rufaa	nu M	lagu,	oile Hotline Maafannu Web: www	, Male'	20-0			s
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Clie					M/s.	Yach	iyo Engi	neering Co.Ltd							Sheet		1	of	2	_
Loca			. 1		N.Ma			Rig	Track WI				54m		Groun	d Water	leve	1	1.10 m	1
Date Date					19.02 19.02			Drilling Method Casing Diameter		Casing Elevati	-		15.0	0m	Coordi	nates				_
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ш) q	Cond		ype	pəx	р (m	pu		Soil Descrip	otion		Г		PT)	18		ned Shear		gth - t/1	m ²	
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2.00	X	D2	ss ws	G.W.L at	1.00	0					4	6	6	12	<b>A</b> 12					
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3.00	X	D4	SS			0	_	oral fragments an			6	6	7	13	1	3				_
<u>4</u> .00			WS			0														
<u>5</u> .00	X	D5	SS WS		4.50	0	_	ray medium to co		-	10	21	19	40					40	
<u>6</u> .00	$\vee$	D6	SS		6.00	0	amount o	of coral rock fragn	ments and	sea shells	5	8	16	24		12				
7.00			ws			0.0	Mediı	ım dense gray fin	e to mediu	ım sub							7			_
<u>8</u> .00	X	D7	SS			J	angular t coral f amour	to sub rounded CC fragments and sea at of coral rock fra rved between (7.5)	ORAL SA shells;Ab agments co	ND with undant ould be	10	8	5	13		3				-
<u>9</u> .00			WS			0														
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SPT	When	re full	0.3m r	enetration	has not b	een achie	eved	D - Disturbed Sample	N -	Natural Moist	ure Cor	ntent	C - Con	solidatio	1	Remark	<u>s</u>	ogged By	Ŀ	_
	the	numb		lows for th	ne quoted			SS -SPT Sample W - Water Sample	L-	Atterberg Lin Grain Size An	nit Test		UCT-U	nconfined	l Compression ed Undrained	Existir ground le	9	L	ahiru d By:	_
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	01	1 1111	ISHC	<u>u</u>		.2010	) 	Casin	g Diamete	1 10011111	пъ	icvati			<u>i — — </u>		I	Moi	sture	Conte	nt - %		
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epth	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	epth	Legend			John Descr	iption							10 20	30		50 60		86	90
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∞∞	:		Grour	nd	××××× Silt				Gravel			Lateri		dules		=	ompletely			Rock		1	
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Date	ation		tod.		N.Ma 25.02			Rig Drilling Method		VheCore D Casing			54m:		Grot	na v	vate	riev	/ei	1.10	U m
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	X	D5	SS			0					9	9	6	15		15	_	$\dashv$	_	-	
5.00	$\vdash$																-	+	-	-	
						0											-	+	-		
L			WS			0		um dense gray fin									-	+	+	-	
							_	to sub rounded CO									-	+	-	-	
6.00						0		t amount of coral	_								-	+	+		
	X	D6	SS			0		ells; (6.00-7.50)m core of (4-5)cm co	-		4	11	3	14	++4	14		+	_		
-	$\vdash$						TOCK	201e 01 (4-3)CIII CC	outu be o	osei veu							-	+	_		
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7.00			WS			V												$\top$	_		
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8.00	$\triangle$	21	.,,			۱۷۰					' '	10		10		16					
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r			-			0															
9.00						0	Off whi	ite highly weather	ed highly	fractured						$ \bot  $					
	$\nabla$	D8	SS					m grained CORA			12	11	9	20		$\square$	20	$\perp$		_	
	$\triangle$		ws			0		ies could be obser									. 20	_			
					9.50	0 0	sample	with stained yello	ow patch	ed on the	_			0				_	$\perp$		
10.00						00		fracture sur	face		Cr=	=27%	RQD	=0%							
CDT	77.71		0.2		. t		4	In District 10 :	ı.	1 No. 1257	~		0.0	111			Rema	r <u>ks</u>	Logged	By:	
SPT					has not be ne quoted p			D - Disturbed Sample SS -SPT Sample	N I	<ul> <li>V - Natural Moist</li> <li>Atterberg Lin</li> </ul>			C - Con UCT-U		on d Compression		Eviat	ina		Lahiru	
	is g	iven (	not N-	value)				W - Water Sample		G - Grain Size An	alysis		CU - Co	onsolida	ed Undrained		Exist ound	_	Supervis		
GWL				evel obse the saturat	rved inside ion	e the		WS-Wgrey Sample UD- Undisturbed Sample		G -Specific Grav - Bulk Density	ity Test	t	UU-Uno pH - Ch		ated Undrained	C	onsid	ered		Lahiru	
NE	Not I	Encou	ntered					CS- Core Sample		- Vane Shear To	est		O - Org	anic cor		a	the		Drilled I		
HB FD		mmer	Bounc vn	e				Cr - Core Recovery (%) RQD-Rock Quality Designa	ation (%)				SO ₄ ² - S Cl - Clo	-	Content		leve	:1	n	anushk	:a
XXX	_ 111													niuc C0							
$\times\!\!\times\!\!\times$	Ma	de C	roun	d	xxxxx	Silt		Gravel		Laterit	e No	dules	(J-X)-		ompletely We	ather	ed R	ock			

$\{   $	•	Ş	5				AM		52	el/ Fax: + 2, Boduth mail: info	akuı	rufaa	ınu M	lagu,	Maai	annu	, Ma	1e' 20	-01,			ves.
Pro Clic	•				the d	igital	l terresti	ey and soil investicial television netwineering Co.Ltd						ey or	В	eet	e No	2		BH-(	)2	2
Loca					N.Ma			Rig	Track W	h Core D	iamo	eter	54m	m			nd Wa	ater le		_	1.10	m
Date			rted		21.02			Drilling Method		Casing			15.0		+	7 1		T				
Date	e of	Fin	ishe	d	21.02	.201	5	Casing Diameter	100mm	Elevati	on (	m)	Ī_		,	Coord				_		
î	-5				î						F	ield l	Recor	ds				Conte		_	<u> </u>	_
th (r	Cone	0.	ype	peol	Depth (m)	pue		Soil Descrip	otion			(S	PT)			Undrai	ned Sh	ear Str	ength	1 - t/r	n⁻ <del>9(</del>	<del>00</del>
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Dep	Legend					Ε	Ε	Е	Γ.				tance -		s/ft		_
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					10.00	n 0																
L			CS			00		Same as pre	vious		Cr-	=27%	RQD	-0%								
			CD					Same as pre	vious		CI-	-2170	KQD	-070			$\perp$					
11.00						$\int_{0}^{\infty}$																
					11.00	0																
_						n 0	Off wh	ite highly weather	ed highly	fractured							$\perp$	$\perp$				
			CS			00		um grained CORA			Cr-	=30%	RQD:	-22%								
12.00			CB			٦	cavi	ties could be obser	eved in the	ne core	CI-	-30 /0	KQD.	-22/0								
						$\mathbb{I}^{\vee}$		samples	S								$\perp$	$\perp$				
L						00																
					12.50	n 0	OCC 1		11:11	C 4 1												
13.00						00		ite highly weather										$\perp$				
			CS			· ^		um grained CORA ties could be obser			C.	=53%	RQD:	-100/								
			CS			10,0		lies could be obser latter part of the co				=33%	KQD:	=10%								
						00	sample	corase gravel siz												_	_	
14.00						n 0		corase graver siz	e sample.	,										_	_	
					14.00	00														_	_	
						0	Off wh	ite highly weather	ed highly	fractured							$\perp$			_	_	_
			CS					um grained CORA			Cr-	=20%	RQD:	-18%		$\perp$	_	+-		_	_	_
15.00			CD			80	cavi	ties could be obser		ne core		2070		1070		$\perp$	$\perp$	-		$\dashv$	$\dashv$	_
						00		samples	3							+	+	+-		$\dashv$	+	_
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16.00								DEPTH	L							+	+	+-		$\dashv$	+	_
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CDT	Tr.	ma £ 11	0.2		n ho		avad	Sample Key / Test		Not13 f	C	ator*	IC .	001:3			Re	marks	Logg	ged By	:	_
SPT					n has not be he quoted p			D - Disturbed Sample SS -SPT Sample	N L	<ul> <li>Natural Moist</li> <li>Atterberg Lin</li> </ul>			C - Con UCT-U		on ed Compre	ssion	Б	ictino		Li	ahiru	
	is	given (	not N	value)				W - Water Sample		- Grain Size Ar	nalysis		CU - C	onsolida	ted Undrai	ned		isting nd leve	Supe	ervised		_
GWL				Level obsetthe satura	erved inside	e the		WS-Wgrey Sample UD- Undisturbed Sample		G -Specific Grav - Bulk Density	ity Tes	t	UU-Un pH - Ch		ated Undr	ained	_	sidered		ī.	ahiru	
NE			, arter ntered					CS- Core Sample		Vane Shear T	est		O - Org		itent			he zero	Drill	ed By		_
HB FD		mmer	Boun	ce				Cr - Core Recovery (%)	otion (9/					-	Content		1	evel		Do	ıushka	
888	-			nd	xxxxx	Silt		RQD-Rock Quality Designation		△△△ Laterit	e No	hilec	CI - Clo	oride Co	omplete	ly Was	thered	Rock		Dan	usnKä	
	Made Ground Clay					San		Organic Mat	<u> </u>	Silty S			一	=	hly We	-		K		ص Fresh	Roc	k

Ę	<b>,</b>	를	5	Inte	ernatio	nal p	AM	mited				Tel/ Fax: - 52, Boduth Email: info	iakui o@el	rufaa sami	nu M n.cor	[agu, ] n.mv,	Maafann	u, Male	' 20-	01, N	Ialdi nv	ives.
Pro	jec	t			the d	igital	terrestr	ial tele	evis	sion net		for the project in the				ey on	Boreho	ole No		ВН		
Υ	41	_					iyo Engi		ıg (	Co.Ltd	!Two ols	Wh.I.Como F	\	24.24			Sheet	ınd Wat	1	0		2
Loca Date			tod		Funac 27.01			Rig	nα	Method		Whe Core D Casing			54m 15.0		Grot	ma wau	erie	vei	0.40	) m
Date				d	29.01					Diameter					15.0	OIII	Coor	dinates	<u> </u>			
			, sinc			12010	,	Cusin	- 8	3141110101	11001111	Die tue	T Ì		<u>'</u>		N	Moisture C	Conter	nt - %		_
(m)	Cond		be	p	(m)	p.		(	ç _o ;	il Descri	ntion		Г		Recor	us –	Undra	ained Shea	ır Stre	ngth -	t/m²	
Depth (m)	ı.	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend			301	ii Desciij	puon			(21	PT)		10 20 30		0 60		80	<del>900</del>
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-	<u> </u>		WS	G.W.L		0	sub rou	nded C	CO	RAL SA	ND wit	h sea shell							-	-	-	
			ws			.A				fragmen	ts								$\dashv$	-	$\vdash$	
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2.00						۸										-				-	-	
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·	abla	D6	SS			0	ran	ged fro	om	medium	to coar	se size	9	4	11	15		L,_				
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F											_	ar to sub	1									
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r			-			()				fragmen	ts		1									
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É	7	D8	SS		9.00	0	Medium	dense	e or	ravish w	hite fina	to medium	18	10	11	21						
	Х	20	55		2.00	- : ()						AL SAND	10	10	11			2.				
<b>-</b>	,		ws									sea shell	1									
10.00			5			0				fragmen												
10.00	_									<i>6</i>			<u> </u>					Rema	rks	Logged	By:	
SPT					n has not b			D - Distu		-		N - Natural Mois				solidation	a :				Y -1.1	
			er or b not N-		he quoted p	penetrano	on	SS -SPT : W - Wate		-		L - Atterberg Lin G - Grain Size An					Compression d Undrained	Exis	_	Supervis	Lahiru sed By:	
GWL	: Gr	ound V	Vater I	Level obse	rved inside	e the		WS-Wgre	ey Sa	ample		SG -Specific Grav	vity Test	t	UU-Un	consolidat	ed Undrained	ground				
NE		rehole Encour		the saturat	ion			UD- Und CS- Core		bed Sample		B - Bulk Density V - Vane Shear T			pH - Ch	emical anic conte	nt	as the		Drilled l	Lahiru Sv·	
HB			Bounc	e						overy (%)		and Sheal I	204			Sulphate C		lev	el	Z.mcu	-4-	
FD XXX	_	ee Dov			1X ~ Y	1				uality Design	ation (%)	A A A A			Cl - Clo	oride Cont				1	anushk	a
$\bigcirc \bigcirc \bigcirc \bigcirc$	:		roun	ıd	××××××××××××××××××××××××××××××××××××××	Silt		%%	-			ΔΔΔΔ Lateri		dules		_	npletely We		ock.	$\simeq$	1	
	Cla	ıy			$\cdots$	Sano	d	***	O	rganic Mat	tter	× x Silty S	and		<u></u>	High	ly Weathere	d Rock		Fre	sh Ro	ck

$\overline{\Psi}$	•	厚			<b>E</b>	LS rnatio	<b>&amp;</b>	<b>AM</b> private	II N	<b>■</b>		52	el/ Fax: l, Bodut mail: inf	haku:	rufaa	nu N	lagu	, Ma	afan:	nu, N	Male	e' 20	-01,	Mal .mv	div	es
Pro	jec	et										tigation fo work proj					vey o	n E	Borel	hole l	No		В	H-01	1	
Loc	atio	n					Yach	iyo Eng		ring C		Track W				54m	ım	S	Sheet Gro	ound	Wat	ter le		of 0.	40 1	2 m
Date			rted ishe	d		27.01 29.01						Rotary 100mm	Casin; Eleva			15.0			Coc	ordina	ates					_
		T'III						,	Cas	sing Di	lameter	i TOOMIN	Licva			Recor	ds		**				ent - %		2	_
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced	vel	Depth (m)	Legend			Soil	Descri	ption				PT)	ı	10	20	30	40	50 <i>6</i>	ength 0 70 Blows	80-	90	•
10.00		Š	Š	Ň,	le	Д				Contin	nue from	Page 1		15cm	15cm	15cm	Z	5	10				30 35		45	<b>4</b>
						10.00	0			Same	e as pre	vious								+		-		+	+	
	X	D9	0 ss 10.60 0 0						35	HB		>50			$\perp$				丰							
11.00				10.60						highly							+				+	+	_			
L			CS				0			0,	Cr=	=76%	RQD	=40%			$\perp$				#					
12.00					Offwhite prous highly weather														+				+	+	_	
					ŀ	12.10	00							1										$\perp$		
-			-				0	Offw	hite p	orous	highly	weatherd	highly		500/	D.O.D.	220/							+		_
13.00			CS				00		fra	ctured	CORA	L ROCK		Cr=	=53%	RQD	=23%							_		_
							00																	$\pm$		
					-	13.60	00											$\vdash$	-	+	+	-		+	+	
14.00							00	Offv	hita i	norone	hiahly	weatherd	highly											$\pm$		
F			CS				000	Oliw		-		L ROCK	inginy	Cr=	=60%	RQD	=11%			+	-	-		+	+	
15.00							0													$\perp$				丰		
						15.10	V	FND	OF T	THE BO	ORF H	IOLE AT 1	15 10m		Ī		1	$\vdash$		+		-		+	+	_
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20.00																								$\perp$		

20.00						
		Sample Key / Test Key			Remarks	Logged By :
SPT	Where full 0.3m penetration has not been achieved	D - Disturbed Sample	N - Natural Moisture Content	C - Consolidation		
	the number of blows for the quoted penetration	SS -SPT Sample	L - Atterberg Limit Test	UCT-Unconfined Compression	Existing	Lahiru
	is given (not N-value)	W - Water Sample	G - Grain Size Analysis	CU - Consolidated Undrained	ground level	Supervised By:
GWL	: Ground Water Level observed inside the	WS-Wgrey Sample	SG -Specific Gravity Test	UU-Unconsolidated Undrained	considered	
	Borehole, after the saturation	UD- Undisturbed Sample	B - Bulk Density	pH - Chemical		Lahiru
NE	Not Encountered	CS- Core Sample	V - Vane Shear Test	O - Organic content		Drilled By:
HB	-Hammer Bounce	Cr - Core Recovery (%)		SO ₄ ² - Sulphate Content	level	
FD		RQD-Rock Quality Designation (%)		Cl - Cloride Content		Danushka
$\times\!\times\!\times$	Made Ground $\begin{array}{c} x \times x \times x \\ x \times x \end{array}$ Silt	S Gravel	Laterite Nodules	Completely Weat	hered Rock	$\approx$
	Clay :::: Sand	Organic Matter	× × Silty Sand	Highly Weathered	Rock	Fresh Rock

Ę	•	昬	13	E Inte			AM	IN mited	52	, Boduth	aku	rufaa	nu M	[agu, ]	ile Hotlin Maafannt Web: ww	ı, Male'	20-0			æs.
Pro	jec	t						ey and soil invest ial television netv						ey on	Boreho	le No		ВН-	02	
								neering Co.Ltd	1 0						Sheet		1	of		2
Loca					Funa				Track W				54m		Grou	nd Water	leve	ıl	0.65	m
Date					28.01			Drilling Method		Casing			15.0	0m	Coord	linates				
Date	OI	Fin.	ısne	a I	29.01	.2016	) 	Casing Diameter	100mm	Elevati			<u>i_</u>	I		Moisture Co	ntent	- %		
(m)	pu		e e	w	(m)	π.		0 .1 D .			F		Record	ds –		ined Shear			m ²	-
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		Soil Descrip	otion			(S	PT)		10 20 30	40 50	60	70 8	O <del>- 90</del>	<b>9</b>
	Sa	Sa.	Sa	Re lev	Ď	Le		0 11	,		.5cm	15cm	5cm	z –		Γ Resistance				_
0.00		D1	DS		0.00	·Λ·		Ground lev	el		1.5	15	1.5		5 10 1	5 20 25	30	35 4	40 4	15
	Х	DI	DS		0.00	V	Grayish	white fine to med	ium sub a	ngular to							+	+	_	_
l-				<b>*</b>		0	sub rou	nded CORAL SA	ND with s	sea shell				_			+	+	$\rightarrow$	_
			WS	_		V.		fragment	ts					-			+		_	_
1.00						- 0						_		l -			+	+	$\rightarrow$	_
	Х	D2	SS		1.00	. ^	Very de	ense grayish white	fine to co	arse sub	5	5	38/H B	>50		<b>A</b> 19	+	+	$\rightarrow$	_
L			we	at		0.	angular	to sub rounded CC	ORAL SA	ND with			"				+	+	-+	_
• 00			WS	0.65 m		V		sea shell frag	ments								+	+	+	_
2.00		D2			2.00	0					1.7	10	1.5	l  -			+	+	$\dashv$	_
	Х	D3	SS		2.00	.A	Dens	e grayish white fii	ne to coars	se sub	17	18	15	33		18	+	+	_	_
-			WS			V	angular	to sub rounded CC	ORAL SA	ND with						$\rightarrow$	+	+	_	_
2.00			ws			0		sea shell frag	ments							+	+	+	$\vdash$	_
3.00	$\overline{}$	D4	SS		3.00	· V· .					10	20/	15	>50		$\vdash$	+	+		_
	Х	D4	33		3.00	V					10	30/ HB	13	>30			3	80	$^{+}$	_
-						0		ense grayish white				112					/	+	$\neg$	_
4.00			ws			V .	angular	to sub rounded CO	ORAL SA	ND with							+	+		_
4.00			,,,,			V		coral rock frag	gments								+		$\top$	_
						Λ											+	$\top$	$\top$	_
-	7	D5	SS		4.50	· V ·					10	11	17	28			$\top$		$\Box$	
5.00	Х	20			4.50	V					10	- 11	17	20		19	$\top$			
-						0											T			
			ws			· · · · · · ·														
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6.00						0		n dense grayish w												
	abla	D6	SS			0.	sub ang	ular to sub rounde		L SAND	8	10	6	16						
	$\triangle$					v		with coral rock f	ragments							15	$\perp$			
						0										$\perp \downarrow \perp$	$\perp$		_	
7.00			ws			. 0											4	$\perp$	_	
						v										$\rightarrow$	+	$\perp$	_	_
L						۸											$ \downarrow $	$\perp$	_	_
	$\bigvee$	D7	SS		7.50	.0					10	4	4	8 _			$\rightarrow$	33	_	_
8.00	$\mapsto$					V	Looser	nedium to coarse	cuh angula	ar to cub							$-\!\!\!\!\!/$	+-	$\dashv$	_
						Λ		ed CORAL SAND	_								+	+	$\dashv$	_
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	is g	iven (r	not N-	value)				W - Wa	iter Sample		G - Gra	in Size A	nalysis		CU - Co	onsolida	ated U	Indraine	ed	groun	d laval	Supervise	ed By:	ī
GWL	: Gro	und W	1 Water Level observed inside the					WS-Wg	rey Sample		SG -Spe	cific Grav	ity Test		UU-Uno	consolic	dated	Undraii	ned	groun	idered			Т
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Project   Topographic survey and soil investigation for the preparatory survey on the deficial terrestrial television network project in the Republic of   Mrs. Yachlyo Engineering Co.Lut	$\exists$	•	를	돌	Int	LS	<b>&amp;</b>	AMI	IN mited	5	Tel/ Fax: 52, Bodu Email: in	thaku	rufaa	nu M	Iagu,	Maafar	nnu,	Male	e' 20	0-01,			ves
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sub rounded CORAL SAND with coral fragments    Statined pale yellowish white medium grained highly weathered CORAL ROCK; pore Spaces were visible   Statined pale yellowish white medium grained highly weathered CORAL ROCK; pore Spaces were visible   Statined pale yellowish white medium grained highly weathered CORAL ROCK; pore Spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowish white fine to medium spaces were visible   Statined pale yellowi	_	$\nabla$	D1	DS		0.00	· : :():	a	11. 6												Т	$\top$	
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with coral and sea shell fragments: water loss was observed between  Do SS  To SS  To Do SS  To Do SS  To Do SS  To Do SS  To SS	_		De	66														+			+	+	_
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angular to sub rounded CORAL SAND with coral and sea shell fragments  Date SS  9.00  Very dense grayish white medium to coarse sub angular to sub rounded CORAL SAND with coral rock fragments  Very dense grayish white medium to coarse sub angular to sub rounded CORAL SAND with coral rock fragments  SPT  Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration signer (not N-value)  D - Disturbed Sample SS-SPT Sample  L - Atterberg Limit Test is given (not N-value)  Existing Lahiru  Lahiru  Lahiru  Lapiru	8.00	$\vdash$					V	Loose	gravish white t	fine to med	lium sub					$\rightarrow$		+	$\vdash$	$\vdash$	+	$\dashv$	_
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with coral rock fragments    N - Natural Moisture Content the number of blows for the quoted penetration is given (not N-value)   W - Water Sample   W - Water Sample   G - Grain Size Analysis   CU - Consolidated Undrained   Existing pround level   Supervised By:	_			we				sub angi	ular to sub roun	ded CORA	AL SANI	)	ПБ						П		$\top$	$\top$	_
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ground level																-			_	Super			
considered	GWL						e the		WS-Wgrey Sample		-	-	t			ated Undraine	d	_		31			
Borehole, after the saturation  UD- Undisturbed Sample  B - Bulk Density  pH - Chemical  B - Bulk Density  pH - Chemical  as the zero  Drilled By:	NE				ıne satura	non			-							itent				Drille		uru	
HB -Hammer Bounce Cr - Core Recovery (%) SO ₄ ² - Sulphate Content level	НВ				ce				Cr - Core Recovery (%					SO ₄ ²	Sulphate	Content		lev	vel		_		_
FD - Free Down   RQD-Rock Quality Designation (%)   CI - Cloride Content   Danushk	KD SSS	_		own RQD-Rock Quality Designation (%)											Wantl	nered T	Rock.	+	Danu	ısnka	_		
Clay  Sand  Organic Matter  Organic Matter  Silty Sand  Highly Weathered Rock  Fresh Ro		-		. 2 Jul		× ×	-	d		į.			auics	六	=				LOCK	F	<u>⊸⊿</u> resh	Roc	ck

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Date Date			rted ishe	d	_	31.01. 01.02.					g Metho Diame			Casing Elevat			15.0	0m		Co	oordi		<u> </u>	_			
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10.00		Sa.NO.	Sa.Type	Reduced	level	Dept	Legend				ntinue fro				15cm	15cm	15cm	z		5 10	SPT	Resi	stance	e - B	Blows/	ft 40	45
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12.00			CS					grain	ed h	nighly	fractur	ed h	ff white n ighly wea	athered	Cr=	=60%	RQD	<b>)</b> =8%									
<u>1</u> 3.00			CS			12.10		grain COR and la	ied h AL atter	nighly ROC part o	fractur K; pore of the co	red h e spac eore v	ff white n ighly wea ces were was recov d coral ro	athered visible vered as	Cr=	=69%	RQD	=19%									
14.00 - 15.00			CS			13.60		grain	ed h	nighly	fractur	ed h	ff white n ighly wea ces were	athered	Cr=	=67%	RQD	=22%									
<u>1</u> 6.00						15.10		END	OF	THE	BORE DEP		LE AT 1	5.10m										+			
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<u>1</u> 7.00																								+			
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								Sample Key / Test Key							Remarks	Logged By :	
SPT	When	re full	0.3m p	enetration	n has not b	een achi	eved	D - Disturbed Sample	N - Natural Moist	ure Con	tent	C - Consolidati	on				
	the	numb	er of b	lows for t	he quoted	penetrati	on	SS -SPT Sample	L - Atterberg Lin	nit Test		UCT-Unconfin	ed Compre		Existing	Lahiru	
	is g	iven (	not N-	value)				W - Water Sample	G - Grain Size An	alysis		CU - Consolida	ited Undra	ined	ground level	Supervised By:	
GWL	: Gro	ound V	Vater L	evel obse	rved inside	e the		WS-Wgrey Sample	SG -Specific Grav	ity Test		UU-Unconsolio	dated Undi	rained	considered		
	Bor	rehole	, after t	the saturat	ion			UD- Undisturbed Sample	B - Bulk Density			pH - Chemical				Lahiru	
NE	Not E	Encou	ntered					CS- Core Sample	V - Vane Shear To	est		O - Organic con	ntent			Drilled By:	
HB	-Hai	mmer	Bounc	e				Cr - Core Recovery (%)				SO ₄ ² - Sulphate	e Content		level		
FD	- Fre	ee Dov	vn					RQD-Rock Quality Designation (%)				Cl - Cloride Co	ontent			Danushka	a
$\rangle\rangle\rangle\rangle$	Ma	Iade Ground X×××X Silt						သို့စိန္တဲ့ Gravel	ΔΔΔΔ Laterit	e Nod	lules	$\cong$ $\circ$	omplete	ely Wea	thered Rock	$\sim$	
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Loc	atio	n			B.Eye	dhafu	shi	Rig	Tra		Core D			54m		Grou	nd Wate	r level	1.	.40 m
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r			ws	G.W.L		0	angular t	o sub rounded		AL SAN	ND with							$\dashv \setminus$		
2.00				at		<b>v</b> .		sea sl	nells											
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F	$\vdash$							sea shell f										$+\prime$		
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																ed Compression ated Undrained	Existi	C	Lah pervised l	
GWL	: Gr	ound V											t	UU-Un	consoli	lated Undrained	ground consider	ievei		
NE		Encountered CS- Core Sample V - Vane Sheat ammer Bounce Cr - Core Recovery (%) RQD-Rock Quality Designation (%)									-	est		1	emical anic co	ntent	as the z	zero <u>Dr</u>	Lah illed By:	ııru
НВ														SO ₄ ² 5	Sulphate	e Content	leve			noblec
FD 888	_										Laterit	e No	hiles	Cl' - Clo	oride Co	ompletely We	athered Do	ock /	Danu	snka
	Cla			-	× ×	San	d	Organic	Matter	ΔΛ <u>Δ</u>	_		aures		=	ghly Weathere		~	Fresh	Rock

(	5		E	NGI	NEEF			BORATORY VESTIGATION			PVT	() L	ΓD.	NO			ri Lanka			rmat No LS-SI-0	
Pro	jec	t				grap	hic surv	ey and soil invest	tigation fo	r the pre				ey o	n	rehole			ВН-	01	٦
Clie	nf							neering Co.Ltd	vork proj	cet iii tiic	ite	publi	C 01		She	eet		2	of	- 2	2
Loca					B.Eyo			Rig	Track Wl	neCore D	iame	eter	54m	m			d Wate	r leve	el	1.40 r	n
Date					15.01	.2016	5	Drilling Method	Rotary	Casing	dept	th	15.0	0m		oordi	notos				
Date	of	Fin	ishe	d	16.01	.2016	5	Casing Diameter	100mm	Elevati	on (1	m)	<u>i_</u>								
(u					(i)						F	ield F	Recor	ds			isture C			•,	
Depth (m)	Sa. Cond	Э.	Sa.Type	Reduced level	Depth (m)	pua		Soil Descrip	otion				PT)		10 20		ed Shear		gth - t/ 70 8	m²	
)ept	a.	Sa.NO.	a.T	edu	Sept	Legend		•			١				10 20		Resistan			- 30	-
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11.00			***5		11.00	•	angular	to sub rounded Co	ORAL SA	ND with								+	+-		-
					11.00		cor	al rock fragments	and sea sh	ells /								_	+		-
-							END	OF THE BORE H		1.00							+	+	+-		-
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20.00																					╝
				•	•			Sample Key / Test									Remar	r <u>ks</u> I	.ogged B	y :	
SPT					has not be			D - Disturbed Sample SS -SPT Sample	N - L -	Natural Moist Atterberg Lin		ntent		solidatio		eior.		Π		ahiru	
								W - Water Sample		Grain Size An					ed Compres ted Undrain		Existi	· ·	Supervise		$\dashv$
GWL		Fround Water Level observed inside the						WS-Wgrey Sample	SG	-Specific Grav		1	UU-Un	consolid	ated Undrai		ground conside	ievei –			7
NF		rehole Encour		the saturat	ion			UD- Undisturbed Sample		Bulk Density Vane Shear To	ect		pH - Ch		tent		as the	7000		ahiru ,-	4
NE HB			ntered Bounc	e				CS- Core Sample Cr - Core Recovery (%)	V -	vane Snear To	USL		O - Org		Content		leve	±	Orilled By	L	$\dashv$
FD		ee Dov			10			RQD-Rock Quality Designa						oride Co					Da	nushka	
$\Diamond \Diamond \Diamond \Diamond$	Ma	de C	roun	ıd	×××××	Silt		ဘ္ရွိတို့ Gravel	Δ Δ.			lules	<u> </u>	<u>:</u> c	ompletel	y Weat	hered Ro	ock Z	$\preceq$		
-:-:-	Cla	ıy				San	d	Organic Mat	tter ×	Silty S	and			Hig	hly Wea	thered	Rock		Fres	h Rock	

(	}	)	E	NGI	NEEI		G & LA SITE IN						PVT	(i) L	ΓD.	NO	O 62/3, Neela Katuwawal Tel: 011	a, Sri	i Lank		Fo	ormat LS-SI	
Pro	jeo	ct	<u> </u>			ograp	hic surv	ey and	l soil in	vestigat	tion fo	r the pre				ey o					ВН	-02	
Cli	ent	;			M/s.	Yach	iyo Engi			td							Sheet			1	0	f	2
Loc			. 1		B.Eyo			Rig	M			he Core D			54m		Gro	und	Wate	er lev	vel	1.40	m
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				Ī		12010	,	Cusin	<u>s Diami</u>	eter 100	<b>311111</b>	Elevan	<u> </u>		Recor	do	i	Mois	sture C	Conten	nt - %	_	_
ш) q	ond	<u>.</u>	ype	pec	h (m	pu		5	Soil Des	scription	1		Г		PT)	us					ength - t	/m²	
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1.00						. 0			fragn	nents								$\top$		$\top$			
Γ	$\nabla$	D2	SS	_	1.00		Madina	doman	off vula	ita fina i	to mod	dium sub	4	8	10	18							
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L	is	given (	(not N-	-value)				W - Wate	er Sample		G -	Grain Size An	alysis		CU - Co	onsolida	ted Undrained	Q	Exist ground	_	Supervio		
GWL				Level obse the satura	rved inside	e the			ey Sample isturbed Sam	nple		-Specific Grav Bulk Density	ity Test	t	UU-Un pH - Ch		lated Undrained	Ĭ	consid	lered		Lahiru	
NE	Not	Encou	ntered					CS- Core	Sample			Vane Shear To	est		O - Org	anic con		- 1	as the lev		Drilled E		_
HB FD		ammer ee Do	Bound wn	ce					Recovery ( ck Quality D	(%) Designation (%	%)					Sulphate oride Co	e Content entent		iev	CI	D	anushka	1
$\rangle\rangle\rangle\rangle$	_							ૢૺૢૺ		3 (/	Δ Δ. Δ Δ.	Laterit	e Noc	dules	<i>[</i> -\}-		ompletely W	eathe	ered R	ock.	$\simeq$		
	Cl	ay				Sano	d	* * *	Organic	Matter	×.		and			=	ghly Weather				Fre	sh Ro	ck

6	1		E	NGI	NEEF					SERV		PVT	(T) L	TD.	N	O 62/3, 1 Katuw	Neelam awala, i			,		mat No:
	V				I		SITE IN								01143	09 49	4		EL	S-SI-02		
Pro	jec	t								tigation f work pro					vey o	n Bo	rehol	e No		В	3H-0	)2
Cli	ent						iyo Engi			work pro	ject in ti	ie Ke	publ	ic or		Sh	eet		2		of	2
Loca	itio	n			B.Eyo	lhafu	shi	Rig			/heCore l			54m			Groun	id W	ater le	vel	1	.40 m
Date				1	16.01				Method		Casing			15.0	0m	<b>—</b> (	Coordi	inate	, <u> </u>			
Date	10	rın:	isne	a	17.01	.2010	)	Casing	Diameter	TOOMIN	Eleva	T .	-	<u>i_</u>			M	oistur	Conte	nt - 9	<u> </u>	
Depth (m)	Cond	_	'pe	pə	Depth (m)	ρι		So	il Descri	ntion		ŀ		Recor PT)	ds		Undraiı					n ²
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L						. ^			F			4					$\perp$	_	$\perp$		_	
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					11.00		cor	al rock f	ragments	and sea s	hells /							+			$\dashv$	
_							END (	OF THE	BORE H	OLE AT	11.00m							$\top$			$\exists$	
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SPT	When	re full	0.3m p	penetration	has not be	en achie	eved	D - Disturbe	nple Key / Tes ed Sample		- Natural Moi	sture Co	ntent	C - Cor	nsolidat	on		Re	marks	Logs	ged By	<u>:</u>
	the	numb		lows for t	ne quoted p			SS -SPT San W - Water S	nple		- Atterberg L		t			ed Compre			isting	C,		hiru Bv:
GWL	_				rved inside	the		WS-Wgrey S	Sample	Se	G -Specific Gra	wity Tes	it	UU-Un	consoli	ated Undrai dated Undra		_	nd leve sidered	- 1	ervised	
NE	Borehole, after the saturation Not Encountered							UD- Undistu CS- Core Sa	rbed Sample mple		- Bulk Density			pH - Cl O - Org	hemical ganic co	ntent			he zero		La led By:	hiru
НВ	-Hammer Bounce - Free Down							Cr - Core Re	covery (%)					SO ₄ ² -	Sulphat	e Content		1	evel			
FD	_		_{wn} Groun	ıd	x××××	Silt			Quality Design Gravel		∆∆∆ ∆∆∆ Later	ite No	dules	Cl' - Cl	oride Co	ontent	ly Wea	thered	Rock		Dan	ushka
	Cla					San	d	$\equiv$	Organic Mat		Silty				_	ghly We	-				Fresh	Rock

Project	.mv
Linkaifaru   Rig	H-01
Date of Finished   02.02.2016   Drilling Method   Rotary   Casing depth   15.00m   Coordinates	of 2
Date of Finished	0.90 m
Soil Description	
Soil Description	
D1   D2   D3   D5   D5   D5   D5   D5   SS   D5   D5	
D1   D2   D3   D5   D5   D5   D5   D5   SS   D5   D5	80 <del>0 900</del>
D1   D3     0.00	
Grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral rounded coral and sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral rounded coral and sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded coral sand sea shell fragments  Loose grayish white fine to medium sub angular to sub rounded coral sand sea shell fragments and sea	40 45
1.00	
100	
D2   SS   GWL   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00	
Do	
Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments   2   2   2   4   4   4   4   4   4   6   8   14   14   14   14   14   14   14	
Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  Do SS  Do SAMPLE  Do SAMPLE  Do SS  Do SAMPLE  Do	
200	
D3   S8   Coral and sea shell fragments   2   2   2   4   4   4   4   4   4   4	
Document	
3.00	
D4 SS 3.00	
WS  D5 SS  WS  D6 SS  D6 SS  D7 SS  Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths  13 9 7 16  7 6 9 15  NO SAMPLE  15 NO SAMPLE	
Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths  13 9 7 16  15 NO SAMPLE  NO SAMPLE  15 NO SAMPLE  16 9 15 NO SAMPLE  17 6 9 15 NO SAMPLE	
D5 SS  WS  D6 SS  D6 SS  D7 SS  Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths  13 9 7 16  7 6 9 15  NO SAMPLE  NO SAMPLE  4 6 8 14	
D5 SS  WS  D6 SS  D6 SS  D7 SS  Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths  13 9 7 16  7 6 9 15  NO SAMPLE  NO SAMPLE  4 6 8 14	
ws  Do SS	
WS  D6 SS  WS  Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths  D7 SS  WS  A 16  9 15  NO SAMPLE  15  A 6 8 14	
ws  Do SS	
WS  Do SS  Do SS  WS  Do SS  D	
WS  Do SS  Do SS  WS  Do SS  D	
Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths  Medium dense gryish white fine to medium sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths	
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sub angular to sub rounded CORAL SAND with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths	
with coral rock fragments and sea shells; water loss was observed between 9.45m - 10.50m depths	
7.00 WS 9.45m - 10.50m depths  D7 SS 4 6 8 14	
9.45m - 10.50m depths    10	
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10.00	-1 D
Remarks   Logs	ed By :
the number of blows for the quoted penetration SS -SPT Sample L - Atterberg Limit Test UCT-Unconfined Compression Existing	Lahiru
ground level—	vised By:
Borehole, after the saturation UD- Undisturbed Sample B - Bulk Density pH - Chemical CONSIDERED	Lahiru
NE Not Encountered CS- Core Sample V - Vane Shear Test O - Organic content as the zero	d By:
HB         -Hammer Bounce         Cr - Core Recovery (%)         SO4 ² - Sulphate Content         IEVEI           FD         - Free Down         RQD-Rock Quality Designation (%)         Cl' - Cloride Content	Danushka
Made Ground $\begin{array}{c c} X \times X \times X \\ X \times X \times X \end{array}$ Silt $\begin{array}{c c} X \times X \times X \\ Y \times X \times X \end{array}$ Silt $\begin{array}{c c} X \times X \times X \\ Y \times X \times X \end{array}$ Completely Weathered Rock	7
	resh Rock

Ę	5	뎧	등	Int	LS	<b>&amp;</b>	AMI	<b>N</b>	5	Tel/ Fax: + 52, Boduth Email: info	akuı	rufaa	nu M	lagu,	Maafa	ınnu,	Mal	e' 20	-01,	Ma	ldiv	/es.
Pro	jec	t			Topo	ograj igital	phic surv I terrestri	ey and soil invest ial television netv	igation	for the pre	par	atory	surv		Boı	ehole				H-0		
					M/s.	Yach	niyo Engi	neering Co.Ltd	_						She			2		of		2
Loca					LH.N					Whe Core D			54m		(	iroun	d Wa	ter le	evel	0	0.90	m
Date					02.02			Drilling Method		Casing	-		15.0	0m	- C	oordi	nates	<u> </u>				
Date	of	Fin	ishe	d	03.02	.201	6	Casing Diameter	100mm	Elevati	on (1	m)	<u> </u>		Ŭ							
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		Soil Descrip	otion		F		Recor PT)	ds -	10 20	Indrair 30		ar Str	ength	1 - t/m	1 ²	<b>-</b>
	Sa	Sa.	Sa	Rec lev	Ď	Le		G ii G I	D 1		5cm	15cm	5cm	z			Resista					
10.00						· - · Λ·		Continue from I	Page I		1;	1;	-11	H	5 1	0 15	20	25	30 3	5 40	4	15
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11.00	$\hookrightarrow$					(		to sub rounded CC									$\perp$		36	eg	$\perp$	
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51.1					he quoted p			SS -SPT Sample		L - Atterberg Lin					d Compress	sion	Fyi	sting		Lal	hiru	
ar-	_			value)				W - Water Sample		G - Grain Size An			CU - C	onsolidat	ed Undrain	ed		d leve	Supe	rvised	By:	
GWL				Level obse the satura	erved inside tion	e the		WS-Wgrey Sample UD- Undisturbed Sample		SG -Specific Grav B - Bulk Density	ity Test		UU-Un pH - Cl		ited Undrai	ned	cons	idered	ı	J.a'	hiru	
NE			ntered	saturd				CS- Core Sample		V - Vane Shear To	est		1	anic con	ent			e zero	Drill	ed By:		_
НВ			Bound	ce Cr - Core Recovery (%)  RQD-Rock Quality Designation (%)										Sulphate			le	vel		-		
fd XXX	_	IX V XI IO O C IAAAAI							ΔΔΔΔ	o NT	41-	Cf - Cl	oride Cor		, 117	ho::- 1.	D.c1		Dani	ushka		
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	l Cia	ιy				j san	u	Organic Mat	ıcı 🕒	× x Silty S	ana		$\triangle$		nly Weat	mered	KOCK		1 1	Fresh	LOC	ĸ

1'				Inte	ernatio	onal p		mited	Em	nail: info	@e1	sami	n.con	n.mv	Web: w	nu, Male' /ww.elsan				es
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								neering Co.Ltd	work proje	ce in the	· IC	Publi	C OI		Sheet	t	1	of		2
Loca					LH.N			Rig	Track Wh				54m		Gre	ound Wate	r leve	1	0.90	m
Date Date					04.02			Drilling Method Casing Diamete		Casing Elevati			15.0	0m	Cod	ordinates	<del> </del>			
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h (m	Sa. Cond	Э.	Sa.Type	ced	Depth (m)	pu		Soil Descri	ption		1		PT)	us -	10 20	drained Shea			/m ²	_
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•	$\stackrel{/}{\longrightarrow}$		ws	at 0.90 m		0		white fine to medded CORAL SA	ND with co			NO SA	MPLE	E	12			_		
.00	<b>-</b>	D3	SS		2.00	0		fragmer	its		2	3	3	6	$\rightarrow$		+	+		_
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<u>5</u> .00	X	D6				0		n Dense whitish ular to sub round with coral rock	ed CORAL		14	17	11	28			28			
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PT	Whe	re full	0.3m j	penetration	n has not b	een achie	eved	D - Disturbed Sample	N -	Natural Moist	ure Cor	ntent		solidatio			KS I	)gged D	· <u>y ·</u>	_
	is g	given (	not N-	value)	he quoted	-	on	SS -SPT Sample W - Water Sample	G -	Atterberg Lin	alysis		CU - Co	onsolidat	d Compression ed Undrained	ground	C,	I upervise	ahiru ed By:	_
wL					evel observed inside the WS-Wgrey Sample SG -Specifi the saturation UD- Undisturbed Sample B - Bulk D								UU-Un pH - Ch		ted Undrained	consid	ered	I	_ahiru	
ΙΕ	Not l	Encou	ntered	CS- Core Sample V - Vane									O - Org	anic con		as the	<u>D</u>	rilled B		_
IB D		mmer ee Dov	Down RQD-Rock Quality Designation (%)											Sulphate oride Cor		1000		Dε	anushka	
XX	Ma	ide C	rour	ıd	×××××	Silt		Gravel				dules		Co	mpletely V	Weathered Re	ock /	$\forall$		
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	<b>,</b>	厚	E	Int	LS	& enal	AM	IN mited	5:	el/ Fax: + 2, Boduth mail: info	akuı	rufaa	nu M	lagu,	Maaf	annu	, Male	' 20-	01, M	faldi nv	ves.
Pro	jec	et			the d	igital	terrestr	rey and soil invest						ey o	ВС	rehol	e No		ВН		_
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Loca			rtad		LH.N 04.02			Rig Drilling Method		Vhe Core D Casing			54m 15.0		+-	Groun	ia wate	riev	/ei	0.90	) m
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	the	numl	er of t	olows for	he quoted			SS -SPT Sample		- Atterberg Lin					d Compre		Exist	ing		Lahiru	
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	Во	rehole	, after	the satura		-		UD- Undisturbed Sample	В	- Bulk Density			pH - Cl	nemical		-	consid			Lahiru	
NE HB			ntered					CS- Core Sample Cr - Core Recovery (%)	v	- Vane Shear T	est			ganic cor	tent Content		as the		Drilled E	By:	
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$\exists$	<b>,</b>	Ē	돌	Inte	LS	<b>&amp;</b>	AM	IN mited	52	2, Boduth	aku:	rufaa	nu M	lagu,	oile Hotline Maafannu Web: ww	, Male	' 20-	01, M	[aldi	ves.
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Date				a	23.02			Drilling Method	•	Casing			15.0	0m	Coord	inates	<u> </u>			
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1.00		D2	SS		1.00	- 0					6	9	10	10			+	-	$\vdash$	
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GWL	-	-		value) Level obse	erved inside	e the		W - Water Sample WS-Wgrey Sample		<ul> <li>Grain Size Ar</li> <li>G -Specific Grav</li> </ul>	-	t			ed Undrained ted Undrained	ground		Supervis	a By:	
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Date				a	23.02 23.02				ng Meth				ng dep ation (		15.0	0m		Co	ordi	inat	es	<u> </u>				_
Date	01	rın:	isne	a	23.02	.2016	)	Casin	g Diame	tei 10	OIIIII	Elev		_	i				M	nistu	ire C	onte	nt - %			
Depth (m)	pu		e e	-5	(m)	73		,	a D				F		Recor	ds		Uı					ength -	t/m²	2	-
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<u>1</u> 6.00					END OF THE BORE HOLE AT 15.00i							15.00m	1							15					+	_
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	is g : Gre Bo	numb given ( ound V rehole	er of b not N- Water I	olows for to	he quoted p	enetratio		SS -SPT S W - Wate WS-Wgre	Sample er Sample ey Sample isturbed Samp	ble	1 6 8	G - Grain Siz G - Grain Siz G - Specific G B - Bulk Den V - Vane She	g Limit Test e Analysis Gravity Tes sity		UCT-U CU - C	nconfin onsolida consolia nemical	ated Com ated Und dated U	draine	d	gro	Existound onsides the	level lered	1	Lahii	B <u>y:</u>	
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FD XXX	-	ee Down RQD-Rock Quality Designation (%)  de Ground X×××X Silt S°S Gravel AAAA La									Cl' - Clo	oride Co	ontent							Dhanus	shka					
ΩΩΩ 	Ma Cla		irour	nd	x****	Silt Sand	l	૾ૢૺૺઌૢ૿ૺ૾ઌૺ ૱ૣ૽ૺ૱૽૽૱	Gravel Organic	Matter			erite Noo y Sand	dules		=	Comple ghly V	-				эck	Fr	esh F	Rocl	k

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	01	1 1111	18116	u I	23.02	2010	,	Casing Diameter	10011111	Licvati			<u>i</u> —		Mo	oisture C	i onter	nt - %		
(m)	pu		e	73	(m)	-					F		Recor	ds –		ed Shea			/m ²	<b>-</b>
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SPT	Whe	re full	0.3m j	penetration	n has not b	een achie	eved	D - Disturbed Sample	N	- Natural Moist			C - Con	solidation						
1					he quoted	penetrati	on	SS -SPT Sample	L	- Atterberg Lin					Compression	Exist	ing		P. De Z	oysa
GWL		-		value) Level obse	erved inside	e the		W - Water Sample WS-Wgrey Sample		<ul> <li>Grain Size An</li> <li>G -Specific Grav</li> </ul>		t			d Undrained ed Undrained	ground		Supervis	ea By:	
	Во	rehole	, after	the satura				UD- Undisturbed Sample	В	- Bulk Density			pH - Ch	emical		consid as the			usantha	1
NE HB		Encou	ntered Bound	ne .				CS- Core Sample Cr - Core Recovery (%)	v	- Vane Shear T	est			anic conte		as the		Drilled B	Зу:	
FD		ee Do						RQD-Rock Quality Designa						Sulphate C oride Cont				N	ishanth	a
$\rangle\rangle\rangle\rangle$								တ္တိုင္တို Gravel	Δ	∆∆∆ Laterit	e No	dules	<i>[-</i> -\}-	Cor	npletely Weat	hered Re	ock	$\approx$		
	Cl	ay				San	i	Organic Mat	<u> </u>	x Silty S	and			High	ly Weathered	Rock		Fre	sh Ro	ck

	Tel/ Fax: +960 334 6000, Mobile Hotline: 790 6000 52, Boduthakurufaanu Magu, Maafannu, Male' 20-01, Maldive Email: info@elsamin.com.mv, Web: www.elsamin.com.mv												lives																					
Pro	_				Topo the di	ograj igita	phic surv l terrestr	ey and ial telo	l soil invest evision netv	igation	ı for t	the pre	epar	atory	surv		Borenole No				BH-02													
Client M/s. Yachiyo Engi									ıg Co.Ltd						Sheet 2 Ground Water le				of	2														
Location K. Villingili								Rig Core D Drilling Method Rotary Casing							54m			Groun	d Wa	ater le	vel	0.6	60 m											
Date					23.02								depth 15.00m			0m	Coordin			s 📙														
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th (	Con	Ю.	ſype	ıced	Depth (m)	end		Soil Description					(Sl	PT)		10 2	60 70	ength - t/m ²																
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20.00					<u> </u>		<u> </u>		Sample Key / Test	Key									Re	marks	Logged	By:												
SPT	When	re full	0.3m p	enetration	has not be	een achi	ieved	D - Distu	ırbed Sample	_	N - Nat	tural Moist	ure Cor	ntent	C - Cor	solidati	on				1													
the number of blows for the quoted penetration					ion	SS -SPT				terberg Lin					ed Compre		Ex	isting		.P. De 2														
GWI			not N- Vater I		rved inside	the .			er Sample ey Sample			ain Size An ecific Grav					ted Undrain		ground level		31	Supervised By:												
GWL				Level obse the saturat		uic			isturbed Sample			ecific Grav lk Density	rity Test UU-Unconsolidated pH - Chemical					ted Undrained				Susantha												
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HB			Bounc	e					Recovery (%)								Content level					-												
FD XXX	_	ee Dov		d	XxxvX	C:1-			Gravel	tion (%)	ΔΔΔΔ	T	3.7		7.5	oride Co	Completely Weathered Rock				1	Nishantha												
~~~			roun	u	x^xx	Silt		_				Laterit		iules		_	-	-				⊿												
Clay						San	a	44.4	Organic Matter Silty S							Hig	nly Wea	nly Weathered Rock					Fresh Rock											

(4)		E	NGI	NEEF		G & LA	NO	Katuwawala,	52/3, Neelammahara Road, Catuwawala, Sri Lanka. Format No: ELS-SI-02											
Pro	jec	et				grap	hic surv	VESTIGATIONS ey and soil invest	igation f	or the pre				ey o	Tel: 0114 3		BH-01			
Cli	ent							al television network projecct in the Republic of eering Co.Ltd							Sheet	1	of 2			
Loca	atio	n			K. Ma	aafus	hi	Rig	Diameter 54m				Groun	d Water leve	1 0.95 m					
Date of Started Date of Finished					09.12 09.12			Drilling Method Casing Diameter		Casing Elevati			15.0	0m	Coordi	inates				
		1 1111	.5110			.201.	<u>,</u> 	Casing Diameter	Toomin	Dievan			Record	1 c	M	Moisture Content - %				
h (m	ond		ype	pec	Depth (m)	pu		Soil Descrip	tion		Г.		PT)	18		Undrained Shear Strength - t/m ²				
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Dept	Legend		1						40 50 60 Resistance - Blo	70 80 900 lows/ft					
0.00								Ground lev	el		15cm	15cm	15cm	Z	5 10 15	20 25 30	35 40 45			
	X	D1	DS			0	Yellowi	sh white fine to m												
_	\Box			*				rounded CORAL S												
1.00			WS	G.W.L		0		fragments												
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	igwedge	52	55	0.95m	1.00	0					3		l	13	A I	3				
			ws			0		1 00 11 0												
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5.00	\triangle					v	(3.00-7.5	50)m: Sample colo	our chang	ged to pale						21				
Г						0		nish white; presen								\perp				
_			WS			. ()	fragment	ts is neglible and c	_	ments was						+				
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6.00						0 ,					8	13				++++				
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8.00	\triangle					V		te; coral fragment		_						T = 0				
						0	WIII	te, corar fragment	s were pr	CSCIII										
_			WS			٧.														
						Į. V														
9.00		Do	SS			0					7	9	12	22						
	Х	D8	22			. 0		.00)m: Sample col				9	13	22		22				
-			WS			v	white; fr	ragments of coral a	and sea sl	nells were										
10.00						0		present												
CDT	Who	eo full	0.2		has not be	on oobi	avad	D. Disturbed Comple	N	Notwel Moist	ина Сан	tont	C Com	a ali dati	0.0	Remarks L	ogged By :			
SPT			-		n has not be ne quoted p			D - Disturbed Sample SS -SPT Sample		 Natural Moist Atterberg Lin 		nent	C - Con UCT-U		on ed Compression	Existing	J.R.M.Sashikala			
GWI	is given (no				rved incide	the		W - Water Sample WS-Werey Sample		- Grain Size An					ted Undrained lated Undrained	ground level	upervised By:			
	GWL : Ground Water Level obset Borehole, after the satura							WS-Wgrey Sample SG -Specific Grav UD- Undisturbed Sample B - Bulk Density					pH - Ch	emical		as the zero	Lahiru			
NE HB		Encour mmer	ntered Bounc	e				CS- Core Sample Cr - Core Recovery (%)	v	- Vane Shear To	est		O - Org SO ₄ ² - S		tent Content	level	Drilled By:			
FD	- Fr	ee Dov	vn		1 .			RQD-Rock Quality Designa			Cl' - Clo	-			Danushka					
$\Diamond\Diamond\Diamond$			roun	ıd	x×××××××××××××××××××××××××××××××××××××	Silt		Gravel	<u></u>	Laterit		lules	[/-\\- 	=	ompletely Wea	Ī	\preceq			
-1-1-	Clay					San	d	Organic Matter XX Silty S						⅓Hig	ghly Weathered	Rock	Fresh Rock			

0		E	NGIN	NEEF				RVICES (PVT) LTD. NO VISION							NO 62/3, Neelammahara Road, Katuwawala, Sri Lanka. Tel: 0114 309 494								
Pro	jec	et				grap	hic surv	ey and soi al televisi	l invest	igation	for	the pre				ey o	n	rehole			ВН-	01	
Clie	ent				M/s. Yachiyo Engineering Co.Ltd												Sheet			2			
Loca					K. Ma			Rig Track Whe Core D							54m		(Ground	d Wate	er leve	1	0.95 m	
Date of Started Date of Finished					09.12			Drilling N				Casing			15.0	0m	c	oordi	nates	<u> </u>			
Date	10	Fin	ishe	<u>a</u>	09.12	.2015		Casing Di	ameter	100mn	n	Elevati						Moisture Content - %					
(m)	pu		e	_	(m)	_							Fi		Record	ds	ī					m ²	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend	Soil Description							(SI	PT)			Undrained Shear Stres 10 20 30 40 50 60				900	
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11.00	X	D9	ss ws										25	11	11	22			22				
12.00	X	D10	SS			0 0		15.00)m: S grain size o					8	10	15	25			25	`			
14.00	X	D11	ss ws										10	12	11	23			23				
15.00	X	D12	SS		15.45	0		-15.45)m: Sample colour chnaged to grain size changed to fine to medium and sea shells						15	13	28			28				
16.00 					10.10		END C	OF THE BO	ORE HO		Γ 15.	.45m											
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or-	YY **		0.0						e Key / Test	Key	h				la -	ļ			Rema	rks L	ogged B	<u>y :</u>	
SPT GWL NE	is g : Gre Bo	numb given (ound V	er of b not N- Vater I , after	penetration blows for the value) Level observations the saturation	ne quoted p	enetratio	SS -SPT Sample L - Atterberg Lim W - Water Sample G - Grain Size An WS-Wgrey Sample SG -Specific Gravi UD- Undisturbed Sample B - Bulk Density					nit Test alysis ity Test		CU - Co	nconfine onsolida consolida emical	ed Compress ted Undrain lated Undrai	ed	Exist ground consid as the	level sered	J.R.M.Sashikala Supervised By: Lahiru Drilled By:			
HB			Bound	ce				CS- Core Sample Cr - Core Recove			٧	c oncar 10					Content		leve		u D)		
FD XXX	_	ee Do			Xy. X	a		RQD-Rock Qual			A A A A					oride Co	ntent				Da	nushka	
×××	Ma Cla		irour	nd	x×* x x̂	Silt Sand		Gravel AAAA Laterite Organic Matter Silty Sa						lules		=	ompletely hly Wea		ock 🔼	Fresh Rock			

(B		E	NGI	NEEF			ABORATORY VESTIGATION		`	PVT	() L	ΓD.	No	O 62/3, Neelam Katuwawala,	Sri Lanka.	Format No: ELS-SI-02
Pro	jec	t				grap	hic surv	ey and soil invest ial television net	tigation f	or the pro					Tel: 0114 3		BH-02
Clie	ent							neering Co.Ltd	work pro	jecet iii ti	ic ix	срию	iic oi		Sheet	1	of 2
Loca	ıtioı	n			K. Ma	aafus	hi	Rig	Track Whee				54m		Groun	nd Water leve	el 0.90 m
Date				1	10.12			Drilling Method		Casing			15.0	0m	Coord	inates	
Date	OI	rın	isne	a	10.12	.2013) 	Casing Diameter	100mm	Elevati			<u>i</u>	_	M	oisture Content	- %
(m)	puc		be	pa	(m)	p.		Soil Descrip	ntion		F		Recor	ds		ned Shear Stren	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		Son Descrip	ption				PT)		10 20 30	40 50 60 Resistance - Blo	70 80 0 900
0.00	S	S	S	R le	Д	Т		Ground lev	vel		15cm	15cm	15cm	Z	5 10 15		35 40 45
	\bigvee	D1	DS			()	37.11	1 1', 6'	1.	1 1							
L	\triangle							sh white fine to mounded CORAL									
			ws	$\stackrel{\blacktriangledown}{=}$		0	to sub i	fragments and s		itii corai							
1.00				G.W.L		1					ļ						
	X	D2	SS	at	1.00		Loose o	ff white fine to m	nedium sul	b angular	4	2	2	4	A 4		
-	\Box			0.90m		0 ^		rounded CORAL							$\overline{}$		
			WS			V		fragments and s	sea shells						\longrightarrow		
2.00	7	D3	SS		2.00	()					5	7	6	13	+		
	Х	D3	55		2.00	. 1)	,	0	13	1	3	
-			ws			۷.											
3.00						0											
	\bigvee	D4	SS			0		dense off white t			7	7	8	15			
L	\triangle							to sub rounded Co oral fragments an								15	
						0		orar fragments an	id sea sile.	113						\rightarrow	
4.00			ws			. ()										++	
_						0.											$+$ \setminus \cup
	Χ	D5	SS		4.50	0	Wash Sa	mple:			30		HB AMPLI				>50
5.00						0	Off white	ta fina ta madium	auh anau	lor to sub		NO S <i>e</i>	AMPLI 	1 			
			WS			٧.		te fine to medium	_								
-			5			V	Tour	fragments and s		corui							
6.00						0											
ļ ,	abla	D6	SS		6.00	. ()					7	9	12	21			
L.	\triangle						Madina	dense off white t	Ema ta ma	مادره مسرناه						21	
						0		to sub rounded Co								$/\!\!\!/\!\!\!\perp$	
7.00			ws			. ()	angulai	coral fragm		IND WILL						<u> </u>	
_						1							_				
0.00	Х	D7	SS		7.50	1					20	4	5	9	9		
8.00								white fine to med		_							
			ws				sub ro	ounded CORAL S		h coral							
-						0		fragmen	ts								
9.00																	
	\bigvee	D8	SS		9.00	1	M - 4'-	4 C:	. 4 1:		7	4	9	13		3	
	\triangle					(um dense gray fin to sub rounded Co							1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
			ws				angulai	coral fragm		MIND WILL						+++	
10.00						0											1.0
SPT	When	re full	0.3m j	penetration	has not be	en achie	eved	D - Disturbed Sample	N	- Natural Moist	ure Cor	ntent	C - Cor	solidati	on	Remarks L	ogged By :
				lows for th	ne quoted p	enetrati	on	SS -SPT Sample W - Water Sample	 Atterberg Lin Grain Size Ar 					ed Compression ated Undrained	Existing	J.R.M.Sashikala upervised By:	
GWL					rved inside	the		WS-Wgrey Sample	so	G -Specific Grav		t	UU-Un	consoli	dated Undrained	ground level	
NE		rehole Encour		the saturat	ion			UD- Undisturbed Sample CS- Core Sample		 Bulk Density Vane Shear T 	est		1	nemical ganic co		on the game	Lahiru Prilled By:
НВ	-Ha	mmer	Bound	e				Cr - Core Recovery (%)		I			SO ₄ ²⁻ -	Sulphat	e Content	level	
FD XXX	_	de C		nd.	XXXXX	Ç;1+		RQD-Rock Quality Design		ΔΔΔ τ	io N7	11 -	Cl' - Cl	oride Co		thanad D - 1	Danushka
	Made Ground X*X*XX Silt Gravel Gra										iutes		=	completely Wea ghly Weathered	1	Fresh Rock	
	-16	- J				Jun		ee Organic Mai		د باللاد الت	uiu		\leftarrow	⊿ 1118	5 my Weathered	NUCK	1 100H NUCK

ϵ	B		E	NGIN	NEEF				ATORY GATIONS			,	·VT	`) L]	ΓD.	NO	62/3, N Katuwa Tel: (ri Lanka			rmat No: LS-SI-02
Pro	jec	t				grap	hic surv	ey and s	soil invest ision netv	igation	for	the pre				ey o	n	ehole			вн-	02
Clie	ent						iyo Engi							•			She			2	of	2
Loca	itioi				K. Ma			Rig		Track Wh		Core D			54m		(Ground	d Wate	r leve	:1	0.90 m
Date					10.12				Method			Casing			15.0	0m	— с	oordii	nates			
Date	of	Fini	she	d	10.12	.2015)	Casing	Diameter	100mn	n	Elevati	on (r	m)	<u> </u>	Т			isture C	ontont		
(m)	ρι		e	_	(m)	_							F		Recor	ds	Ţ		ed Shear			m ²
Depth (m)	Sa. Cond	Ğ.	Sa.Type	Reduced level	Depth (m)	Legend		So	oil Descrip	otion				(SI	PT)		10 20		40 50		70 8	90●
	Sa.	Sa.NO.	Sa.	Red leve	Del	Leg							5cm	15cm	.5cm	z		SPT I	Resistan	ce - Bl	ows/ft	A
10.00						۸.		Con	ntinue from l	Page 1			15	15	15	~	5 1	0 15	20 2	5 30	35	40 45
11.00	X	D9	ss ws			$0 \cdot 0 \cdot 0$			colour ch ize chang				21	10	15	25			25			
12.00 	X	D10	ss ws		12.00				e to medit CORAL S. fragment	AND w			15	13	18	31				31		
14.00	X	D11	ss Ws		13.50		angul	ense whi	ite gray fi rounded grayish wh	CORAI	L SA	ND \			HB AMPLI							>50
15.00	X	5.2	5	-	15.00	0	sub ang	ular to s	ub rounde ragments	d COR	AL S	SAND	17	12	16	28			28			
16.00					15.45		END (OF THE	BORE H	OLE AT	Γ 15.	.45m										
17.00																						
-																						
18.00																						
-																						
19.00																						
20.00																						
or-	***		0.0						mple Key / Test	Key	x -				la -	,,.			Remai	ks L	ogged B	<u>y :</u>
SPT	the is g : Gro	numb iven (ound V	er of b not N- Vater I	lows for th	has not be ne quoted p rved inside ion	enetrati		D - Disturbe SS -SPT San W - Water S WS-Wgrey S UD- Undistu	nple Sample		L - A G - G SG -Sp	atural Moist tterberg Lin rain Size An pecific Grav ulk Density	nit Test nalysis		UCT-U CU - C	onsolida consolid	on ed Compress ted Undrain ated Undrai	ed	Exist ground consid	level Sered	upervise	.Sashikala d By: .ahiru
NE		Encou						CS- Core Sa			V - Va	ane Shear T	est			anic cor			as the	L	rilled B	y:
HB FD		mmer ee Dov	Bounc vn	e					ecovery (%) Quality Designa	ation (%)						Sulphate oride Co	Content ntent		1000	_	Da	nushka
Made Ground XXXXX Silt Soft Gravel						Laterit	e Noc	lules	<u> </u>		ompletely	y Weatl	hered Ro	ock	\searrow							
	Cla								Organic Mat		x x		and			_	hly Weat				Fres	h Rock

(b		E	NGI	NEEF			ABORATORY VESTIGATION			PVT	C) L	ГD.	N	O 62/3, Neelammah Katuwawala, Sri I	anka.	Format No: ELS-SI-02
Pro	jec	t				grap	hic surv	ey and soil invest ial television net	tigation	for the pr					Tel: 0114 309 4 Borehole N		BH-01
Cli	ent							neering Co.Ltd	work pr	ojecet iii ti	IC IX	срию	iic oi		Sheet	1	of 2
Loca	atio	n			K. Fe			Rig		Whe Core I			54m		Ground V	Vater leve	l 1.10 m
Date				d	11.12 11.12			Drilling Method Casing Diameter					15.0	0m	Coordinat	es	
			ынс			1		Tousing Diameter	1001111	. 210 / 440	T		Recor	de	Moist	re Content -	. %
Depth (m)	Sa. Cond	0.	Sa.Type	peo	Depth (m)	pua		Soil Descrip	ption		1		PT)	u.s	Undrained 10 20 30 40	Shear Streng	th - t/m ² 70 80 90 90
	Sa. (Sa.NO.	Sa.T	Reduced level	Dep	Legend					5cm	5cm	.5cm	z		istance - Blo	
0.00						0.		Ground lev	/el		150	150	150	_	5 10 15 20	25 30	35 40 45
	X	D1	DS			1	Grayish	white fine to med	lium sub	angular to							
-	, ·		ws			0	sub ro	ounded CORAL S		ith coral							
1.00						. 0		fragmen	ts								
	\bigvee	D2	SS	*	1.00	V					2	4	9	13			
_	\triangle			_		0									13		
			WS	G.W.L		1	Medium	dense off white f	fine to m	nedium sub					\square		
2.00		D2	SS	at				to sub rounded Co				0		17	\vdash		
	Х	D3	55	1.10m		. v	c	oral fragments an	id sea sh	ells	6	8	9	17	\	7	
-			WS			. V											
3.00						0											
	\bigvee	D4	SS			. ()					6	7	7	14	14		
_	\triangle														1 14		
			*****			0.											
4.00			WS			1											
						0											
-	∇	D5	SS		4.50	· V					4	6	3	9			
5.00	\triangle					V									9		
Г						0											
_			WS			1											
6.00	7	D6	cc			0					3	3	4	7			
	X	Do	55			V						3	7	,	1 1		
_						0											
7.00			ws			. ()	Loose o	off white fine to m	adium c	uh angular							
						v		rounded CORAL		_							
_						0		fragments and s						_			
0.00	Х	D7	SS			1					3	4	5	9	9		
8.00																	
			ws			0											
						0											
9.00						0											
	X	D8	SS			V .					6	4	4	8	8		
-	\vdash		ws			V											
10.00			WS			0											
								In at the				1				Remarks Lo	ogged By :
SPT					n has not be he quoted p			D - Disturbed Sample SS -SPT Sample		N - Natural Mois L - Atterberg Lin				nsolidat Inconfir	- 1 C	Existing	J.R.M.Sashikala
GWI	_			value)	rved inside	the		W - Water Sample WS-Wgrey Sample	G - Grain Size A SG -Specific Grav					ated Undrained gro	ound level	pervised By:	
	Bo	rehole	, after	the saturat		. uic		UD- Undisturbed Sample		B - Bulk Density		•	pH - Cl	nemical	CC	onsidered the zero	Lahiru
NE HB		Encour mmer	ntered Bound	e				CS- Core Sample Cr - Core Recovery (%)		V - Vane Shear T	'est			ganic co Sulphat	ntent as	level	rilled By:
FD XXX	- Fr	ee Dov	vn		X, ¥ . X	a		RQD-Rock Quality Designa		ΔΔΔΑ				oride Co	ontent		Danushka
												dules		7	Completely Weather		Enail D
	Li	ιy				J San	u	urganic Mat	uer	Silty S	апа		$\angle X$		ghly Weathered Roo	K	Fresh Rock

(}		E	NGIN	NEEF		G & LA SITE IN							PVT	() L	ΓD.	N(wala, S	Sri Lank			rmat No: LS-SI-02
Pro	jec	t				grap	phic surv	ey and	d soi	l inves	tigatio	n for	the pr					n	01143 rehole	09 494 e No		BH-	01
Clie	ent						iyo Engi				work p	Tojec	cct iii ti	ic ix	срию	iic oi		She	eet		2	of	2
Loca	ıtioı	n			K. Fe	idho)	Rig					Core D			54m				d Wat	er leve	el	1.10 m
Date				1	11.12						Rotar		Casing			15.0	0m	— с	oordi	nates	<u> </u>		
Date	10	Fin:	she	a	11.12	.201;) 	Casin	ig Di	amete	100m	m	Elevati			i				oisture C	Content	- %	
(m)	puc		be	ps	(m)	p			Soil.	Descri	ntion			F		Recor	ds	Į		ned Shea			m ²
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		1	SOIL	Descri	ption					PT)		10 20		40 5 Resistar	0 60	70 8	90●
10.00	S	S	S	R	Д	T		C	Contin	ue from	Page 1			15cm	15cm	15cm	Z	5 1	D 15		25 30		40 45
						. : ()					_												
L									Same	as pre	evious												
	X	D9	SS		10.50	0								12	18	23	41						
11.00	\triangle					1													\sqcup	\perp		\perp	41
																			\perp			\perp	
-	ws O																		\vdash	+	\vdash	+H	
							Dense o	ff whi	ite fi	ne to n	nedium	sub a	angular						+	-		+H	
12.00											SAND		coral	11	15	20	35					+	
	Х	DIO	33			V		frag	ment	ts and	sea shel	lls		11	13	20	33			_		35	
-						V														+	\vdash	$\forall \forall$	
13.00			ws			0																1	
						1.0																	
	\bigvee	D11	SS		13.50	0	Very o	lense (off w	hite fi	ne to m	ediur	m sub	30	НВ		>50					Ш	>50
14.00	\triangle					. : ()	angular																
			WS				C	oral fi	ragm	ents ar	nd sea s	hells											-
L						0	l 															+	
	X	D12	SS			()	Medium						١,						\vdash	_	\vdash	+	
15.00	\triangle				15.00		angular												+	+	\vdash	\mathcal{L}	
					15.00	0		corai 11	ragm	ents ai	nd sea s	neiis		22	18	15	33			+	1	33	
-					15.45		END (т ти	E D	JDE II	IOLE A	Т 15	. 45m							_		+	
16.00							END	лгп		OEPTI		1113	.43111										
10.00									•	<i>-</i>	•												
_																							
17.00																							
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L																						+	
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-																							
10.00																							
19.00																							
_																			Ш			\perp	
20.00	00															L							
SPT	T Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration							D - Dist		e Key / Tes	st Key	N . N	Vatural Mois	nire Co-	ntent	C - Co-	solidati	on		Rema	rks L	ogged By	y :
51.1								SS -SPT	Sample	:		L - A	Atterberg Lir	nit Test	nem	UCT-U	nconfin	ed Compres		Exis	ting		.Sashikala
GWI .			not N- Vater I		rved inside	e the		W - Wat WS-Wgr					Grain Size Ar Specific Grav					ted Undrain		ground	level	upervised	d By:
	Bo	rehole	, after t	the saturat		uic		UD- Und	listurbe	d Sample		В - В	ulk Density			pH - Cl	nemical			considerate as the	7000		ahiru
NE HB		Encour mmer	ntered Bounc	e				CS- Core				V - V	ane Shear T	est			ganic con Sulphate	Content		as the	L	rilled By	<u> </u>
FD	- Fr	ee Dov	vn					RQD-Ro	ck Qual	lity Design	nation (%)	ļ					oride Co					Dar	nushka
Made Ground x×××× Silt °°° Gravel									_		lules		=	ompletel	-		ock	\searrow					
-1-1-1	Clay Sand							***	Org	anic Ma	tter	××X	Silty S	and		$\langle \dot{} \rangle$	Hig	shly Wea	thered	Rock		Fresl	h Rock

ϵ	}		E	NGI	NEEF			ABORATORY VESTIGATIONS		•	PVT	(i) L	ΓD.	N	O 62/3, Neelam Katuwawala,	Sri Lanka.	Format No: ELS-SI-02
Pro	jec	t				grap	hic surv	ey and soil invest ial television netv	igation f	or the pro					Tel: 0114 3		BH-02
Clie	ent							neering Co.Ltd				_	10 01		Sheet	1	of 2
Loca	atio	1			K. Fe					he Core D			54m		Groun	nd Water lev	el 1.50 m
Date Date				d	12.12 12.12			Drilling Method Casing Diameter		Casing Elevati			15.0	0m	Coord	inates	
		1 1111	3110			.201.	<u>,</u> 	Casing Diameter	TOOMIN	Lievan			Recor	de	M	oisture Content	- %
Depth (m)	Sa. Cond		ype	pec	Depth (m)	pu		Soil Descrip	otion		1		PT)	us		ned Shear Strer	ŭ
Dept	ša. C	Sa.NO.	Sa.Type	Reduced level	Dept	Legend					Е			I	10 20 30 SPT	40 50 60 Resistance - B	70 80 90 ows/ft
0.00	0,	0,	0,1	I				Ground lev	el		15cm	15cm	15cm	Z	5 10 15	20 25 30	35 40 45
	X	D1	DS			1	Gravish	white fine to med	ium sub :	angular to							
-	\Box					. ^		ounded CORAL SA									
			WS			0.		fragment									
1.00		D2	SS	*	1.00	V					4	6	5				
	Х	D2	33		1.00	0					4	0	3	11	A 11		
-	·		ws	G.W.L		1.0											
2.00				at		. · · ·											
	\bigvee	D3	SS	1.10m		0					3	3	9	12			
	\triangle					- 0			C.						12	2	
Γ			ws			· · · · ·		n dense off white to sub rounded CC									
3.00						0	_	oral fragments and							$\sqcup \sqcup \sqcup \setminus$		
	\bigvee	D4	SS			1		orar magments and	a sea sile	113	11	5	12	17		17	
_	\triangle																
						().									++/		
4.00			WS			0											
						۸											
-	$\overline{}$	D5	SS		4.50	0.	Wash Sa	mnla			8	2	2	6			
5.00	Х	DS	33		4.50	V	w asii sa	inpie.				3 NO S <i>A</i>	3 AMPLE		6		
5.00						0	Gravish	white medium to	coarse si	ıh anoular				ĺ			
			ws			· · · · · · ·	-	rounded CORAL S		_							
						V		rock fragme									
6.00						0										\perp	
	\bigvee	D6	SS		6.00	1					10	18	15	33		++	33
L .	\triangle						Dense	grayish white fin	e to medi	ium suh						+	
						0		to sub rounded CC								$+ /\!\!+$	
7.00			WS			1		coral fragm									
-	7	D7	SS		7.50	1	Wash Sa	mnla			8	6	4	10			
8.00	Χ	D/	33		7.50	1	w asii sa	пріс.					I [∓] AMPLI		10		
- 0.00							Gravish	white fine to med	ium sub :	angular to							
			ws			0	-	nded CORAL SAN		-							
r						1		amount of coral f									
9.00					<u> </u>												
	\bigvee	D8	SS		9.00	0.	Loos	e graysih white fir	ne to coo	ree cub	5	4	5	9	4 9		
L	\triangle					V		to sub rounded CC									
			WS			Λ	_	oral fragments an									
10.00						0	<u> </u>									Remarks	ogged By :
SPT			-		n has not be			D - Disturbed Sample		- Natural Moist				solidati		Account no	
					he quoted p	oenetrati	on	SS -SPT Sample W - Water Sample	- Atterberg Lin					ned Compression ated Undrained	Existing	J.R.M.Sashikala Supervised By:	
GWL	: Ground Water Level observed inside the WS-Wgrey Sample SG-Spec											t	UU-Un	consoli	dated Undrained	ground level considered	
NE		ehole. Encour		the saturat	ion			UD- Undisturbed Sample CS- Core Sample		- Bulk Density - Vane Shear T	est		pH - Ch O - Org	nemical ganic co		on the game	Lahiru Drilled By:
НВ	-Ha	mmer	Bounc	e				Cr - Core Recovery (%)					SO ₄ ² 5	Sulphat	e Content	level	-
FD XXX	_	de C		nd.	XXXXX	Q;1+		RQD-Rock Quality Designa		ΔΔΔ	io N7	d.,1 -	Cl' - Clo	oride Co		though De 1	Danushka
												uuies		7	Completely Wea ghly Weathered	Ī	Fresh Rock
	J 16	J				1 5411		Organic Mail	··· [.`	LI DIIII D	unu			⊿ 1118	5111y Weathered	NUCK	1 103H NUCK

ϵ	B		E	NGI	NEEF		G & LA SITE IN							PVT	') L I	ΓD.	NO	O 62/3, N Katuwa	wala, S	Sri Lank			rmat No: LS-SI-02
Pro	jec	t				grap	ohic surv	ey and	d soil	l inves	tigatio	ı for	the pre					n	rehole	09 494 No		ВН-	02
Clie	ent						iyo Engi									01		She			2	of	2
Loca					K. Fe			Rig					Core D			54m		(Groun	d Wate	er leve	:1	1.50 m
Date Date				A	12.12 12.12						Rotar 100m		Casing Elevati			15.0	0m	— с	oordi	nates	-		
		ГШ	SHE	u		.201.	,	Casii	ig Di	ameter	100111	111	Lievati			<u>i</u>	,		Mo	oisture C	Content	- %	
ı (m)	puc		be	pa	ı (m)	рı			Soil	Descri	ntion			F		Recor PT)	as			ed Shea			m ²
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		,	DOII .	Deserr	ption			ı				10 20		40 5 Resistar	0 60 nce - Bl	70 8	90●
10.00	S	S	S	R 3		1		C	Contin	ue from	Page 1			15cm	15cm	15cm	Z	5 1	0 15		25 30		40 45
						. ()			Samo	as pre	wione												
L									Janic	as pre	vious												
	X	D9	SS		10.50	0								8	5	7	12		12				
11.00	$\overline{}$					1	Medium	dense	e fin	e to co	arse su	h ang	ular to						\				
							sub rour					_	-						\vdash		\vdash	-	
-			WS			0 ,		amou	ant of	f coral	fragme	nts							\vdash	_	\rightarrow	-	
42.00						. ≬													\vdash	+		+	
12.00	D10 SS 12.00 10.7													28	26	НВ	>50					+	\mathbb{N}
	Х	DIO	33		12.00	V								20	20	пь	>50						>50
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(B		E	NGI	NEEF			ABORATORY VESTIGATIONS		`	PVI	r) L7	ГD.	N	O 62/3, Neelamma Katuwawala, Sr	i Lanka.	Format No: ELS-SI-02
Pro	jec	t				grap	hic surv	ey and soil invest ial television netv	igation f	or the pro				ey o	n Borehole		BH-01
Cli	ent							neering Co.Ltd	, orn bro	jeet in thi	. 110	puon	-		Sheet	1	of 2
Loca	atio	n			Adh.I					heCore D			54m		Ground	Water leve	l 0.95 m
Date				.1	13.12 13.12			Drilling Method		Casing			15.0	0m	Coordin	ates	
Date	01	ГШ	sne	a		.2013)	Casing Diameter	10011111	Elevati			<u>i</u>	_	Moi	sture Content -	- %
(m)	puc		be	pe	(m)	pı		Soil Descrip	ntion		F		Recor PT)	ds		d Shear Streng	th - t/m ²
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1.00				=		•											
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-	ightharpoonup		W.C	at		0,	angular	to sub rounded CC	ORAL SA	ND with					\rightarrow		
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3.00						0	S	ea shells and cora	I fragmen	its							
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						0	_	h sea shells and co								4	
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6.00						0		Č									
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9.00								Ü									\square / \square
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10.00						0											
SPT	When	re full	0.3m j	penetration	has not be	en achie	eved	D - Disturbed Sample	N	- Natural Moist	ure Co	ntent	C - Cor	ısolidati	ion	Remarks Lo	ogged By :
	the	numb	er of b	lows for th	ne quoted p			SS -SPT Sample	L	- Atterberg Lin	nit Test		UCT-U	nconfin	ed Compression	Existing	J.R.M.Sashikala
GWL			not N- Vater I		rved inside	the		W - Water Sample WS-Wgrey Sample		 Grain Size Ar Specific Grav 		t			dated Undrained	ground level St considered	pervised By:
NE		rehole Encou		the saturat	ion			UD- Undisturbed Sample CS- Core Sample		 Bulk Density Vane Shear T 	ect		1	nemical ganic co		on the more	Lahiru rilled By:
НВ	-Ha	mmer	Bounc	e				Cr - Core Recovery (%)	ľ	- vane onear I	CSL				e Content	level	
FD XXX	_	ee Dov		.d	XVXUX	0:14		RQD-Rock Quality Designa		ΔΔΔ .			Cl - Cl	oride Co		15.	Danushka
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	LIE	ιy				Dail(	u	Urganic Mat	ici _^	x Silty S	and		$\langle \cdot \rangle$	∠ HI	ghly Weathered R	LUCK	Fresh Rock

Project  SITE INVESTIGATIONS DIVISION  Tel: 0114 309 494  Topographic survey and soil investigation for the preparatory survey on the digital terrestrial television network project in the Republic of	ELS-SI-02
	BH-01
Client M/s. Yachiyo Engineering Co.Ltd Sheet 2	of 2
Location Adh.Dhangethi Rig Track Whe Core Diameter 54mm Ground Water le	vel 0.95 m
Date of Started 13.12.2015 Drilling Method Rotary Casing depth 15.00m Coordinates	
Date of Finished 13.12.2015 Casing Diameter 100mm Elevation (m) Moisture Conte	nt - %
Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Comparison   Com	Ü
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Same as previous	
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12.00 (10.50-13.95)m: Medium dense graysih	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
rounded CORAL SAND with coral rock	
fragments and sea shells	
13.00 WS (1)	
D11 SS 4 5 7 12	
14.00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(13.95-15.45)m: Grain size of coral sand	
ws (13.95-15.45)m: Grain size of coral sand varied from fine to corase and coral rock	
fragments amound incresed with the	
increasing depth	
D12 SS 5 8 5 13 1 13 1 13 1 13 1 13 1 13 1 13	
15.45 FND OF THE POPE YOUR ATT 15.45	
END OF THE BORE HOLE AT 15.45m DEPTH	
DEPTH	
17.00	
18.00	
19.00	
<u> -                                     </u>	
20.00 Sample Key / Test Key Remarks	Logged By :
SPT Where full 0.3m penetration has not been achieved D - Disturbed Sample N - Natural Moisture Content C - Consolidation	
the number of blows for the quoted penetration  SS -SPT Sample  L - Atterberg Limit Test  UCT-Unconfined Compression  Existing  W - Water Sample  G - Grain Size Analysis  CU - Consolidated Undrained	J.R.M.Sashikala  Supervised By:
GWL : Ground Water Level observed inside the WS-Wgrey Sample SG-Specific Gravity Test UU-Unconsolidated Undrained considered	
Borehole, after the saturation UD- Undisturbed Sample B - Bulk Density pH - Chemical NE Not Encountered CS- Core Sample V - Vane Shear Test O - Organic content as the zero	Lahiru Drilled By:
HB -Hammer Bounce Cr - Core Recovery (%) SO ₄ ² - Sulphate Content level	
FD - Free Down   RQD-Rock Quality Designation (%)   Cl' - Cloride Content	Danushka
Clay Sand Organic Matter Silty Sand Completely Weathered Rock	Fresh Rock

6	<b>]</b>		E	NGI	NEEF			BORATORY			PVT	() L	ΓD.	N	O 62/3, Neelamr Katuwawala, S	Sri Lanka.	Format No: ELS-SI-02
Pro	jec	et				grap	ohic surv	VESTIGATIONS ey and soil invest ial television netv	igation f	or the pro					n Borehole		BH-02
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Loca	ıtioı	n			Adh.I					Vhe Core D			54m		Groun	d Water lev	vel 0.95 m
Date Date				d	14.12 14.12			Drilling Method Casing Diameter		Casing Elevati			15.0	0m	Coordi	nates	
		1 1111	SHC	u		.201.	<u>,                                     </u>	Casing Diameter	TOOMIN	Elevan			i_ Recor	d a	Mo	oisture Conten	t - %
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Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Dept	Legend		1			я				10 20 30 SPT 1	40 50 60 Resistance - E	
0.00	· ·	-						Ground lev	el		15cm	15cm	15cm	Z	5 10 15	20 25 30	35 40 45
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-			*****					rounded CORAL		_						+	
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1.00	$\overline{}$	D2	SS	*	1.00	- 0	(1.00.2.0	00)m:Medium den	se vellov	vich white	8	5	10	15			
	$\triangle$	22	55	_	1.00	0		coarse sub angula					10	15	1	15	
			ws	G.W.L		0		L SAND with few									
2.00				at				coral fragm	ents								
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			WS			. ^										+	
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4.00			ws			V										/	
4.00			***5			V										/	
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5.00	$\triangle$														13	3	
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7.00			ws			. v		to sub rounded CC									
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8.00	$\langle \cdot \rangle$					V											
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GWI				value)	rved inside	the		W - Water Sample WS-Wgrey Sample		6 - Grain Size Ar G -Specific Grav		,			ated Undrained	ground level	Supervised By:
	Bo	rehole	, after	the saturat		aic		UD- Undisturbed Sample	В	- Bulk Density			pH - Cl	nemical		considered as the zero	Lahiru
NE HB		Encour mmer	ntered Bound	e				CS- Core Sample Cr - Core Recovery (%)	V	- Vane Shear T	est			ganic co Sulphat	ntent e Content	level	Drilled By:
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GWL	: Gre	ound V	Vater L	evel obse	rved inside	the		WS-Wgr	ey Samp	ple		SG -Sp	ecific Grav			UU-Un	consolio	lated Undrain		ground le consider	ever—			ヿ
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							* * *		anic Mat	ter	x x X	Silty S				=	ghly Weath			لًـــ	Fresh	n Rock	:	

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-	$\hookrightarrow$		we			0	sub rou	nded CORAL SA fragmer		sea shell							
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1.00	abla	D2	SS	G.W.L	1.00	V		(RECEATIVE)	J AKEA)		6	5	7	12			
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			ws	0.80 m		0		to sub rounded C									
2.00								dant amount of f								$\Lambda \perp$	
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3.00	abla	D4	SS		3.00	· 0					21	НВ		>50			
	$\triangle$				2.00	V		lense grayish whi						, ,			>50
						0	_	ular to sub round h sea shells and c									
4.00			WS					-4.50)m: Water l	_							$\bot$	
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_						0		•			_					A + +	
5.00	Х	D5	SS		4.50	0					7	6	4	10	10		
5.00						0		n dense grayish w									
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	XI	D6	SS		6.00	0					5	2	4	6	<b>4</b> 6		
- '	$\hookrightarrow$							e grayish white s									
7.00			ws			0.		d medium to cora ne to medium sub									
7.00			***5			V	WILL III	coral rock fra	_	dingular							
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9.00						ν		ne to medium sub									
9.00	abla	D8	SS			0	***************************************	coral rock fra	-	o ungurur	2	5	5	10			
	Δ					. ()									10		
			ws														
10.00						0											
SPT	When	e full	0.3m	enetration	has not be	en achie	eved	D - Disturbed Sample	N	- Natural Moist	ure Cor	ntent	C - Con	solidati	on	Remarks	.ogged By :
	the number of blows for the quoted penetration SS -SPT Sample L - Atte is given (not N-value) W - Water Sample G - Grain St. (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (No. 1) (														ed Compression ated Undrained	Existing	J.R.M.Sashikala Supervised By:
GWL	WL : Ground Water Level observed inside the WS-Wgrey Sample SG-Spec Borehole, after the saturation UD- Undisturbed Sample B - Bulk											1	UU-Un	consolio	dated Undrained	ground level considered	
NE		rehole Encour		tne saturat	ion			UD- Undisturbed Sample CS- Core Sample		<ul> <li>Bulk Density</li> <li>Vane Shear Telegraph</li> </ul>	est		pH - Ch O - Org	emical anic co	ntent	as the zero	Lahiru Drilled By:
HB FD		mmer	Bound vn	e				Cr - Core Recovery (%) RQD-Rock Quality Design	nation (%)					Sulphate oride Co	e Content	level	Danushka
XXX	Made Ground XXXXX Silt Soo Gravel									▲▲▲ ▲▲▲ Laterit	e Noc	dules	(-)		ompletely Wear	thered Rock	
	Cla										and			5	ghly Weathered	ī	Fresh Rock

$\epsilon$	}		E	NGI	NEEF		G & LA SITE IN				PVT	(i) L	ΓD.	NO	O 62/3, N Katuwa	wala,	Sri Lan	ka.	ŀ		at No: SI-02			
Pro	jec	t				ograp	ohic surv	ey and	d soil	inves	tigatio	n for	the pre				ey o	n	rehol	09 494 e No		BI	H-01	
Clie	ent						iyo Engi				., o111 p	20,000			ерш	01		She			2		of	2
Loca	ıtioı	1			F. Fee			Rig					Core D			54m		(	Groun	ıd Wa	ter le	vel	0.8	80 m
Date				1	15.12						Rotar		Casing			15.0	0m	<u> </u>	oord	inates	<u> </u>			
Date	OI	Fin	sne	а	15.12	.201;	) 	Casin	ıg Di	ametei	100m	m	Elevati			i				oisture	i	nt - %		
(m)	pu		ec.	p	(m)	p			C - :1 1	D:				F	ield F		ds	Ţ		ned She			t/m ²	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		,	3011	Descri	puon				(SI	PT)		10 2			50 60		80	90●
10.00	$S_{\partial}$	Sa	Sa	Re lev	Ğ	Ľ			ontin	ue from	Daga 1			5cm	5cm	5cm	z	5	SPT 10 15	Resista 20	ance - I		/ft 40	45
10.00						· : 10:								1		_		'nТ	10 13	1	25 30	33	1	43
						V		S	Same	as pre	vious									$\vdash$	+	+	+	
<u> </u>	$ egthinspace{2mm} olimits = 1.5 explicitly a simple constant of the constant$	D9	SS		10.50	0								- 5	4	3	7					$\pm$	$^{+}$	
11.00	$\triangle$					0	(10.50	)-13.9:	5)m:	Mediu	ım dens	se gra	vsih					1	1	$\top$	$\top$	$\top$	$\top$	
ľ						V					ub angı												$\top$	
			ws			0					D with								1				Т	
						. ()		frag	ment	s and s	sea shel	lls							$\Lambda$					
12.00																								
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L	$^{\prime}$					- 0									NO SA	MPLI	3		1	14			$\perp$	
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13.00			WS			0	sub roun					al rock						$\square$	_	$\perp$	_	$\perp$		
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						V			witti	i sea si	iens								+	+	+	+	+	+
15.00		D10	SS											10	_	_			++	+	+	+	+	
	Х	D12	22			0								10	7	5	12		<b>A</b> 1:	2	+	+	+	
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16.00							LIND	<i>)</i> 1 111		DEPTH		11 15.	. 7.7111									$\top$	$\top$	
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20.00	Sample Key / Test Key  Where full 0.3m penetration has not been achieved D - Disturbed Sample N - Natu																Ren	narks	Logged	Bv:				
SPT								D - Distu	urbed Sa				atural Moist		ntent		solidati							
			er of b		ne quoted p	penetrati	on	SS -SPT W - Wat	-	nle			atterberg Lin rain Size An					ed Compres			sting	Supara	.M.Sas	
GWL	: Gro	ound V	Vater I	Level obse	rved inside	e the		WS-Wgr	ey Samı	ole		SG -SI	pecific Grav		t	UU-Un	consolio	lated Undra		_	id level idered	- Japer V		
NE		ehole Encour		the saturat	ion			UD- Und CS- Core					ulk Density ane Shear T	est		pH - Ch O - Ore	emical anic cor	ntent			e zero	Drilled	Lahii Bv	ru
НВ	-Ha	mmer	Bounc	e				Cr - Core				"	c gucai 1					Content		le	vel			
FD XXX	_	ee Dov			XxX	C.1				ity Design	ation (%)	ΔΛΔΛ	N _			Cl' - Clo	oride Co			<u> </u>		_	Danusl	hka
										dules		=	ompletel	•		Rock	$\sim$	٦ 	, ,					
	Cla								Silty S	and			∄Hig	ghly Wea	thered	Rock		Fr	esh R	<b>cock</b>				

(	ß		E	NGI	NEEF			BORATORY			PVT	() L	ΓD.	N	O 62/3, Neelammahara Katuwawala, Sri Lan	,	Format ELS-S	
Pro	jec	t				grap	ohic surv	VESTIGATION ey and soil inves ial television net	tigation fo	or the pre					Tel: 0114 309 494  Borehole No		BH-02	
Clie	ent							neering Co.Ltd	work proj	ecct iii ti	ic ix	срии	ne or		Sheet	1	of	2
Loca	ıtioı	1			F.Fee	ali		Rig	Track W				54m		Ground Wa	ter leve	1 0.9	00 m
Date Date				d	16.12 16.12			Drilling Method Casing Diameter		Casing Elevati			15.0	0m	Coordinates	-		
		1 111	SHC	u		.201.	<u>,                                     </u>	Casing Diameter	TOOMIN	Lievan			Recor	do	Moisture	Content -	. %	_
h (m	ond		ype	pec	Depth (m)	pu		Soil Descri	ption		Г.		PT)	us	Undrained She	·		000
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0.00								Ground lev			15cm	15cm	15cm	Z	5 10 15 20	25 30	35 40	45
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-	$\Box$		we			0	to sub	rounded CORAL coral fragn		ith rare								-
1.00			WS	<u>*</u>		V		(RECLAIMED										-
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	Δ			at		0									10			
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2.00		Medium dense yellowish white fine t																
	X	D3	SS			0.		_			10	13	10	23		23		
-	$\Box$		we		SAND with rare coral fragments										<u> </u>	$\leftarrow$		+-
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						0												
4.00			WS			()	angulai			ND willi								
		rare coral fragments																
-		ws angular to sub rounded CORAL S									. ,		0	1.4				-
5.00	Х	כע	33		4.50	V					4	6	8	14	14			
5.00						0												
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						v	Madina	domas omerviels vul	hita fina ta									
6.00						0		n dense grayish wi ular to sub rounde										
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8.00	$\triangle$					V	Dense	grayish white fir	ne to medi	um sub								+-
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10.00						0			<i>U</i>						Rem	arke III	ogged By :	
SPT			-		has not be			D - Disturbed Sample		Natural Moist		ntent		solidati	ion	<u>I</u>		
			er of b not N-		ne quoted p	penetrati	on	SS -SPT Sample W - Water Sample		Atterberg Lin Grain Size An					oted I Indusined	sting	J.R.M.Sash pervised By:	
GWL	: Gre	ound V	Vater I		rved inside	e the		WS-Wgrey Sample UD- Undisturbed Sample	SG	-Specific Grav Bulk Density			UU-Un		dated Undrained groun	d level ³¹ dered	Lahiru	
NE	Not I	Encou	ntered		Юп			CS- Core Sample		Vane Shear To	est		O - Org	anic co	ntent as the		rilled By:	
HB FD		mmer ee Dov	Bounc vn	e				Cr - Core Recovery (%) RQD-Rock Quality Design	ation (%)					Sulphatoride Co	e Content	vel	Danushl	ka
	Ma	de G	roun	ıd	××××	Silt		တ္စ္တိုင္တေ Gravel		Laterit	e Noc	lules		$\overline{}$	Completely Weathered	Rock	$\bigvee$	
	Cla	ıy				San	d	Organic Ma	tter ×	Silty S	and			Hig	ghly Weathered Rock		Fresh Ro	ock

6	13		E	NGI	NEEL		G & LA					•	PVT	() L	ΓD.	NO	O 62/3, Neelan Katuwawala,	Sri Lanka			mat No: S-SI-02
					Topo		SITE IN ohic surv						enar	ators	surv	ev o	Tel: 0114				
Pro	_				the di	igital	l terrestri	ial tele	evision	netwo							Boreno	le No		BH-0	
Clic					M/s. T.Fee		iyo Engi	neerin Rig	ıg Co.L		rack W	he Core I	)iam	ator	54m	m	Sheet	nd Wate	2	of	2 ).90 m
Date			ted		14.12		5		ng Metl			Casing			15.0				I ICVC	_	).90 III
Date	of	Fin	she	1	14.12	.201	5	Casin	g Diam	eter 10	00mm	Elevat	ion (1	m)	<u>i_</u>		Coord	i			
(m)	ь́		e)	_	(n)								F		Recor	ds		Ioisture Co ined Shear			n ²
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend			Soil Des	scriptio	on			(S)	PT)		10 20 30	40 50	60	70 86	90●
ට 10.00	Sa	Sa.	Sa	Red	De	Le			Continue f	rom Pag	ro 1		.5cm	15cm	.5cm	Z	SPT 5 10 15	Resistanc		ws/ft 35 4	0 45
10.00						· : : : : : : : : : : : : : : : : : : :				_			1	-	_		3 10 13	1 1	, 30	33 4	43
L								2	Same as	previo	ous										
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11.00	$\vdash$					0												11			
			****															+	+		
-			WS			0												$\dashv$			
12.00	D10 SS																$\Box$				
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SPT					has not be ne quoted p			D - Disto SS -SPT	arbed Sample Sample	e		<ul> <li>Natural Mois</li> <li>Atterberg Lin</li> </ul>		ntent		solidati nconfin	on ed Compression	Existi	no	J.R.M.S	Sashikala
СМI			not N-		rved inside	s the			er Sample ey Sample			- Grain Size A		,	CU - C	onsolida	ated Undrained	ground	C ₁₁	pervised	By:
	Во	rehole	, after	evei obse he saturat		uic		UD- Und	listurbed San	nple	В	- Bulk Density			pH - Cl	nemical		consideras the z	zoro –		hiru
NE HB		Encou mmer	ntered Bounc	e				CS- Core Cr - Core	Sample Recovery (	(%)	V	- Vane Shear T	'est			anic cor Sulphate	ntent e Content	leve	<u>D</u> 1	illed By:	
FD XXX	- Fr	ee Dov	vn		IXv×	I		RQD-Ro	ck Quality I			<b>Λ Λ Λ</b> Ι				oride Co	ontent		$\downarrow$	Dan	ushka
$\Diamond\Diamond\Diamond$	;		roun	d	××××××××××××××××××××××××××××××××××××××	Silt			Gravel		نمًا	Lateri		dules		7	Completely Wea		ock 🔼	$\preceq$	ъ .
	Clay					San	u	***	Organic	Matter	Ŀ×	x Silty S	and		$\triangle$		ghly Weathered	1 Kock		Fresh	Rock

F	<b>5</b>	Ē	B	Inte	Tel/ Fax: +960 334 6000, M 52, Boduthakurufaanu Mag Email: info@elsamin.com.n  Topographic survey and soil investigation for the preparatory survey										agu,	Maafannu	, Ma	ale' 20	0-01,		dive	ès	
Pro	•				Topo	ograp igital	hic surv terrestr	ey and soil ial televisio	n netv	tigation	for	the pre	par	atory	surv		Borehol		)	В	H-01	l	
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Locate			rted		F.Nil: 17.12			Rig Drilling M	ethod	Track Wh		Casing			54m				- 1	evei		20 r	n
Date					17.12			Casing Dia				Elevati			13.0	OIII	Coord	inate	s				
		<u> </u>				12010	ĺ			1					Record	da.	M	oistur	e Conte	ent - %			_
m) I	puo	١	pe	pa	(m)	pı		Soil I	Descrip	ation			Г		recon PT)	us –			hear St			2	
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			ws			0.	sub ro	ounded COI			ith c	coral						$\top$			$\top$	$\pm$	_
1.00						· · · · · · · · · · · · · · · · · · ·		fra	agment	ts								+	_		$\top$	+	_
-	$\nabla$	D2	SS		1.00	. · · ·							3	5	7	12		$\pm$		$\Box$	$\top$	+	_
	$\triangle$			G.W.L		.0	`	00)m: Medi									1	2	$\top$		$\top$	$\top$	_
_			ws	at		. 0		nedium su	_									$\Box$			$\top$	$\top$	_
2.00				1.20m		<b>v</b> .	CORAL SAND with coral fragments											$\angle$			$\top$		_
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	he num s given			the quoted	enetratio	on SS -SPT Sample W - Water Sample		Atterberg Lin Grain Size An					d Compres ed Undrair		Exis	_	Supervis	Lahiru ed By:
				served inside	e the	WS-Wgrey Sample	SG -	Specific Grav		t			ited Undra		ground		p.2.113	
	Borehole, after the saturation Not Encountered					UD- Undisturbed Sample		Bulk Density Vane Shear To	ect		pH - Ch		ent		as the			Lahiru
	-Hammer Bounce					CS- Core Sample Cr - Core Recovery (%)	V -	vane Shear To	est			anic con Sulphate				/el	Drilled I	y:
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	the	numb	er of b	lows for t	n has not b			D - Disturbed Sample SS -SPT Sample	L -	Natural Moist Atterberg Lin	it Test		UCT-U		d Compression	Remarks  Existing		Lahiru	
L			not N- Vater I		rved insid	e the		W - Water Sample WS-Wgrey Sample		Grain Size An Specific Gravi		t			ed Undrained ated Undrained	ground leve	Supervi	sed By:	
	: Ground Water Level : Borehole, after the sa							UD- Undisturbed Sample	В -	Bulk Density			pH - Ch	emical		considered as the zero		Lahiru	
	Not Encountered -Hammer Bounce							CS- Core Sample Cr - Core Recovery (%)	V -	Vane Shear To	est			anic con Sulphate		level	Drilled l	By:	
××	- Free Down				<del>1x ∨</del>			RQD-Rock Quality Design		A AI				ride Cor	ntent		П	anushka	a
$\frac{2}{2}$			iroun	ıd	x×*×*	Silt		Gravel		Sec.		dules		=	ompletely Wear		$\sim$	1	
Made Ground Clay					:::::::	San	1	Organic Mat	tter × x	Silty Sa	and			Hig	hly Weathered	Rock	Fre	sh Ro	ck

ro				In	the di Mald	igital ives	hic survey and soil investigatio terrestrial television network p	n for the pre				ey o	n Bor	ehole			BH-	-01
Clie					_		iyo Engineering Co.Ltd  Rig   Tracl	Whe Core D	iom	otor	54m		She	et Fround	Wot	2	01	0.85
	tio		rted		L.Gai 01.03		- C				34m 15.0					1 161	/ei	0.85
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Lepui (III)	puo		ed	Þ	(E)	р	Soil Description		F	ield F		as	U	Indraine	d Shea	r Stre	ngth - t	/m ²
-Fer	Sa. Cond	Sa.NO.	Sa.Type	Reduced	Depth (m)	Legend	Son Description			(SI	21)		10 20		40 50			80 90
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			-		ion has not b		ved D - Disturbed Sample	N - Natural Moist		ntent	C - Con			$\Box$				
			er of b not N-		r the quoted p	enetratio	on SS -SPT Sample W - Water Sample	L - Atterberg Lin G - Grain Size An					ed Compress ted Undrain	ed	Exist	_	Supervise	Lahiru ed By:
					served inside	the	WS-Wgrey Sample	SG -Specific Grav		t			ated Undrai	ned §	ground		Supervisi	са Бу.
				the satu	ration		UD- Undisturbed Sample	B - Bulk Density			pH - Ch				consid as the			Lahiru
Not Encountered -Hammer Bounce					CS- Core Sample Cr - Core Recovery (%)	V - Vane Shear To	est		O - Org				leve		Drilled B	ly:		
-Hammer Bounce - Free Down					RQD-Rock Quality Designation (%)				SO ₄ - S	-	Content		1011		D	anushka		
- Free Down Made Ground			x××××	Silt	ွာ္တို Gravel	ΔΔΔΔ Laterit	a No	dulec	(2-XX-	_	ompletely	Weath	ered R	ock	$\sim$			
Made Ground     Clay							CINU				Ompicici	Y YY CALL						

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Pro	jec	t				igital		ey and soil invest ial television netv						ey on	Boreho	le No		ВН-	02	
Clie	ent				M/s.	<u>rves</u> Yach	ivo Engi	neering Co.Ltd							Sheet		1	of		2
Loca	itioi				L.Gar	1		Rig	Track W	heCore D	iame	eter	54m		Grou	nd Wate	r leve	el (	0.80	m
Date					29.02			Drilling Method		Casing			15.0	0m	Coord	linates		_		
Date	of	Fini	she	d	29.03	.2016	5	Casing Diameter	100mm	Elevati	on (1	n)	<u> </u>							
(m)	pı		d)		(iii)						F	ield F	Recor	ds –		Ioisture Co			m ²	•
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6.00	Ĺ,					1		n dense off white for to sub rounded CC									+	$\perp$	_	-
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																Remar	ks L	ogged B	<u></u>	j
SPT					has not be ne quoted p			D - Disturbed Sample SS -SPT Sample	N - I	- Natural Moist Atterberg Lim		tent		solidation	1 Compression			L	ahiru	
	is g	iven (	not N-	value)				W - Water Sample		- Grain Size An	alysis		CU - Co	onsolidate	d Undrained	Existi ground	۰ ۰	upervise		
GWL				Level obse the saturat	rved inside	the		WS-Wgrey Sample UD- Undisturbed Sample		-Specific Gravi Bulk Density	ity Test		UU-Un pH - Ch		ted Undrained	conside	ered	L	ahiru	l
NE	Not I	Encou	ntered					CS- Core Sample		Vane Shear To	est		O - Org	anic cont		as the z	-	Drilled By		〓
HB FD		mmer ee Dov	Bounc vn	e				Cr - Core Recovery (%) RQD-Rock Quality Designa	tion (%)					Sulphate Oride Con		leve	1	Dar	nushka	
	Made Ground X×××× Silt Silt Gravel AAAA Late							Laterit	e Noc	lules			mpletely We	athered Ro	ck	$\searrow$		$\neg$		
									and			_	nly Weathered			Fresl	n Rocl	K		

	5	Š	F	Inte	ernatio	nal p		N	1		1	52, I Ema	Fax: + Boduthaull: info	akur @els	ufaar samir	nu M 1.con	agu, 1.mv	Ma , We	afaı	nnu,	Ma	ale'	20-	01, N	√al <u>m</u> v	div	es.
Pro	jeo	et					ohic survo terrestri										ey o	n	Bor	ehole	e No	0		ВІ	H-02	2	
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Loca	atio	n			L.Gai	n		Rig					Core D			54m	m			roun	d V	Vate	r le	vel	0.	.80	m
Date					29.02						Rotary		Casing			15.0	0m		Co	ordi	nat	es					
Date	of	Fin	ishe	d	29.03	.2016	<u> </u>	Cası	ing Di	ıametei	100mr	n	Elevati			!	_						onto	nt - %			
Depth (m)	pu		e	73	(m)				a ::					F	ield F		ds		Uı					ength -	t/m	2	-
pth	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend			Soil	Descri	ption				(Sl	PT)		10		30	40	) 5(	0 60	0 70	80	90	,•
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				lows for ti value)	he quoted p	penetrati	on		T Sample ater Sam				Atterberg Lin Frain Size An			UCT-U CU - C						Exist	_	Super	Lah vised F		
GWL	_				rved inside	e the			grey Sam				pecific Grav		1	UU-Un					_	ound onsid	leve	1	ascu I	<u>-1</u> -	_
NE				the saturat	ion					d Sample			ulk Density	oot		pH - Ch		nto				onsia the			Lah	iru	
NE HB			ntered Bound	e					ore Sampl ore Recov			v - V	ane Shear To	est		O - Org SO ₄ ² - S			nt			leve		Drilled	ı BY:	—	
FD		ee Do			1v ··			RQD-R	Rock Qua	lity Design	ation (%)	ļ	N .			Cl' - Clo	oride Co	ontent							Danu	shka	
◊◊◊◊	•	Made Ground XXXXX Silt So Gravel AAAA Late							dules		_			Weat			ock		1								
-1-1-1	Cla							Silty S	and			Hig	ghly V	Veatl	nered	Roc	:k		Fr	resh l	Rocl	k					

(	B		E	NGI	NEEF			ABORATORY VESTIGATION			PVT	') <b>L</b> T	ΓD.	N	O 62/3, Neelamm Katuwawala, Si	ri Lanka.	Format No: ELS-SI-02
Pro	jec	t				grap	hic surv	ey and soil investial television net	igation	for the pro				ey o	Tel: 0114 30  Borehole		BH-01
Clie	ent							neering Co.Ltd		_			C 01		Sheet	1	of 2
Loca					Th.Gu			Rig		Whe Core D			54m		Ground	l Water leve	l 0.70 m
Date Date				1	25.02. 25.02.			Drilling Method Casing Diameter		Casing Elevati			15.0	0m	Coordin	nates	
						.2010	<u></u>	Tousing Diameter	10011111	210 ( 44)			Recor	de	Moi	isture Content -	%
Depth (m)	Cond	0.	ype	peol	Depth (m)	pua		Soil Descrip	otion		1		PT)	as	Undraine	ed Shear Streng	th - t/m ² 70 80 90 90
Dep	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Dep	Puegend					5cm	15cm	5cm	-		Resistance - Blo	
0.00					0.00	^.		Ground lev	rel		150	150	150	Z	5 10 15	20 25 30	35 40 45
	Χ	D1	DS		0.00	. 1	Grayish	white fine to med	lium sub	angular to							
<u> </u>	,		WS	•		0	sub ro	ounded CORAL S		th coral							
1.00				_		· · · · · · · · · · · · · · · · · · ·		fragmen	ts								
	$\bigvee$	D2	SS	G.W.L	1.00		Y		. 4 1		3	3	4	7			
_	$\triangle$			at		0		grayish white fin to sub rounded CO							<b>†</b> 1		
			WS	0.70 m		V	ungunu	coral par									
2.00		D3	SS		2.00			_			3	4		10			
	Х	D3	33		2.00 ·(): (): (): (): (): (): (): (): (): ():							4	6	10	10		
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_	$\triangle$					00									T 11		
4.00			ws			0.7											
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5.00	$\triangle$					<b>.</b> .		oral fragments; (3							14	4	
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6.00	egraphise	D6	SS			V 1					6	6	4	10			
	Δ														10		
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8.00	$\triangle$	-1	20		,	≬	,					'					
								grayish white fin to sub rounded CO									
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						V		7 3 3 4 4 A								+N	
9.00		Do	66	55 000 1000								10	20	20			
	X	Dense off white fine to medium sub angul to sub rounded CORAL SAND with cora									18	18	20	38			38
-			ws			<b>v</b> .	to sub 1			vith coral							
10.00						0		fragmen	ıs								
SPT	When	re full	0.3m r	enetration	n has not be	en achie	eved	D - Disturbed Sample	- In	N - Natural Moist	ure Con	ntent	C - Con	solidati	on	Remarks Lo	ogged By :
	the	numb	er of b	lows for th	ne quoted p			SS -SPT Sample	1	L - Atterberg Lin	nit Test		UCT-U	nconfin	ed Compression	Existing	Lahiru
GWL	: Gre	ound V		evel obse	rved inside	the		W - Water Sample WS-Wgrey Sample	5	G - Grain Size Ar SG -Specific Grav			UU-Un	consoli	ated Undrained dated Undrained	ground level sconsidered	pervised By:
NE		rehole. Encour		the saturat	ion			UD- Undisturbed Sample CS- Core Sample		B - Bulk Density V - Vane Shear T	est		pH - Ch O - Org		ntent	as the zero	Lahiru rilled By:
НВ	-Ha		Bounc	e				Cr - Core Recovery (%)					SO ₄ ² 5	Sulphat	e Content	level	Danushka
FD	_			d	×××××	Silt		RQD-Rock Quality Designation		∆∆∆∆ ∆∆∆∆ Laterit	e Noc	lules	Cl' - Clo	$\overline{}$	ompletely Weath	nered Rock	Dantustika
										X X Silty S				=	ghly Weathered F	ī	Fresh Rock

(	B		ENGINEERING & LABORATORY SERVI SITE INVESTIGATIONS DIVISION										PVT	') L'I	ΓD.	NO	O 62/3, Neela Katuwawala	a, Sri La	nka.		mat No: S-SI-02	
Pro	jec	t				graj	ohic surv	ey and	d soil	inves	tigation	n for	the pre				ey o	n Boreho		1	BH-(	01
Cli	ent						iyo Engi				work p	Tojec	t 111 till	· KC	publi	C OI		Sheet		2	of	2
Loca	atio	n			Th.Gu	ıraid	hoo	Rig					Core D			54m		Gro	ınd Wa	ater leve	el (	0.70 m
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Sub angular to sub rounded CORAL SAND with coral rock fragments    14	2.00		V	VS		10.50	0 0									18		30		
Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker   Samula Ker / Test Ker / Samula Ker / Test Ker   Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Test Ker / Samula Ker / Samula Ker / Test Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ker / Samula Ke	3.00	Σ	D10 :	SS				sub angular to sub roun	ded CORAL			8	7	15		15				
Sample Kev / Test Kev  T Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not Novalue)  W. Soround Water Level observed inside the Borotole, after the saturation  Borotole, after the saturation  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Encountered  Not Enco	5.00	Z _E	011 :	SS		15.45	0	END OF THE BORE	HOLE AT 1	5.50m	16	9	7	16		<b>A</b> 16				_
Sample Kev / Test Kev  T Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)  WL: Ground Water Level observed inside the Borehole, after the saturation  E Not Encountered  B - Hammer Bounce  C - Consolidated Undrained UD- Undisturbed Sample  UD- Undisturbed Sample  UD- Undisturbed Sample  C - Core Recovery (%)  RQD-Rock Quality Designation (%)  Made Ground  SX-X-X-X Silt  Sample Kev / Test Kev  N - Natural Moisture Content  L - Atterberg Limit Test  G - Grain Size Analysis  SG - Specific Gravity Test  UD- Unconsolidated Undrained pH - Chemical or Organic content SQ-2 - Sulphate Content  C - Cornsolidated Undrained pH - Chemical or Organic content SQ-2 - Sulphate Content  C - Cornsolidated Undrained pH - Chemical or Organic content SQ-2 - Sulphate Content  C - Cornsolidated Undrained pH - Chemical or Organic content SQ-2 - Sulphate Content CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical Suppervised By:  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical Suppervised By:  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical Suppervised By:  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH - Chemical CT - Cloride Content  C - Cornsolidated Undrained pH -	7.00																			
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Sample Kev / Test Kev  The Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value) W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample Borehole, after the saturation W- Water Sample W- Water Sample Borehole, after the saturation W- Water Sample W- Water Sample W- Water Sample Borehole, after the saturation W- Water Sample W- V- Vane Shear Test W- Vane Shear Test W- Vane Shear Test W- Vane Shear Test W- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane She	9.00																			_
Sample Kev / Test Kev  The Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value) W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample W- Water Sample Borehole, after the saturation W- Water Sample W- Water Sample Borehole, after the saturation W- Water Sample W- Water Sample W- Water Sample Borehole, after the saturation W- Water Sample W- V- Vane Shear Test W- Vane Shear Test W- Vane Shear Test W- Vane Shear Test W- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane Shear Test W- V- Vane She	0.00																$\vdash$			_
Where full 0.3m penetration has not been achieved the number of blows for the quoted penetration is given (not N-value)  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  W - Water Sample  Borehole, after the saturation  W - Water Sample  W - Water Sample  Borehole, after the saturation  W - Water Sample  W - Water Sample  W - Water Sample  B - Bulk Density  W - Vane Shear Test  O - Organic content  as the zero level  D - Disturbed Sample  W - Water Sample  W - Water Sample  W - Water Sample  V - Vane Shear Test  O - Organic content  SQ - Sulphate Content  CT - Cloride Content  Chaminda  Chaminda  Chaminda	0.00							Sample Kev / T	est Key							Rem	nrks	Logged F	By:	_
E Not Encountered B - Hammer Bounce Cr - Core Recovery (%) Cr - Free Down Cr - Core Recovery (%) RQD-Rock Quality Designation (%)  Made Ground  X X X X Silt  CS- Core Sample V - Vane Shear Test O - Organic content SQ4 ² - Sulphate Content CT - Cloride Content Chaminda Chaminda Chaminda		the m is giv Grou	umber en (no nd Wa	of blo t N-v ter L	ows for alue) evel obs	the quoted	penetratio	on D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample	N - 1 L - G - 1 SG -	Atterberg Lin Grain Size An Specific Grav	nit Test alysis		UCT-U: CU - Co UU-Un	nconfine onsolidat consolid	d Compression ed Undrained	Exis ground consid	ting l level lered	I Supervise	ahiru ed By:	
Made Ground    X × X × X   Silt   Silt   Gravel   AAAA   Laterite Nodules   Completely Weathered Rock   Completely	łВ	lot En -Ham	counte mer B	ered ounce				CS- Core Sample Cr - Core Recovery (%)	V - '		est		O - Org	anic con				Drilled B	<u>y:</u>	_
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——— Clay Sand Organic Matter XX Silty Sand Highly Weathered Rock Fresh Rock	_	Mad Clay		ounc	1	x× ² ×x	-	<del>                                     </del>	<del></del>	_		dules		=			lock		ı n -	

Project   Topographic survey and soil investigation for the preparatory survey on the digital trestretrial elevision network project in the Republic of Topographic survey and the digital trestretrial elevision network project in the Republic of Topographic survey and the digital trestretrial clevision network project in the Republic of Topographic survey and the digital trestretrial clevision (Inc.)   Inc.   I	$\exists$	•	昬	E	Inte	LS	<b>&amp;</b>	AM	<b>IN</b>	5.	2, Boduth	akuı	rufaa	nu M	ſagu,	oile Hotline Maafannu Web: www	, Male	' 20-	01, M		ves.
Date of Started   O1 01 2015   Drilling Method   Rotary   Casing depth   15 00m   Coordinates   Samm   Ground Water level   1.10 m   Date of Started   O1 01 2015   Drilling Method   Rotary   Casing depth   15 00m   Coordinates   Casing Diameter   100mm   Elevation (m)   Coordinates   Moistance Concust - 79   Moistance		•				Topo	ograp igital	hic surv	ey and soil invest ial television netv	tigation f	for the pre	epar	atory	surv		Borehol			BH-	-02	
Date of Started   Old   2015   Casing Diameter   1900m   Elevation (m)     South   Date of Finished   Old   Old   Casing Diameter   1900m   Elevation (m)     South   Date of Finished   Old										1				154		Sheet	1 337 4				_2
Date of Finished   OLD 2015   Casing Diameter   100mm   Flevarion (m)   Casing Diameter   100mm				et a d												Groun	a wate	er iev	vei	1.10	m
Soil Description														13.0	OIII	Coord	nates	<u> </u>			
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Do   Do   SS   Do   Do   SS   Do   Do				ws			0	-			_										
Loose grayish white medium to coarse sub angular to sub rounded CORAL SAND with coral fragments were present between that depth   11   7   6   13   13   13   14   15   15   15   15   15   15   15	1.00						0														
angular to sub rounded CORAL SAND with coral ragments    10		$\nabla$	D2	SS	_	1.00		_				6	5	3	8						
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Medium dense grayish white fine to medium with coral fragments; (4.50-6.00)m sea shell fragments were present between that depth  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  WS  Loose grayish white fine to medium sub angular to sub rounded CORAL SAND with coral and sea shell fragments  WS  NS  NS  NS  NS  NS  NS  NS  NS  NS	2.00				1.10m		v		coral rock frag	gments											
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$\exists$	5	B	旨	Inte	LS	<b>&amp;</b>	AM private li	IN mited		52	, Boduth	akuı	rufaa	nu M	lagu,	bile Hotline Maafannu , Web: www	, Male	e' 20-	-01, N		lives
Pro	•				Topo	ograp igital	ohic surv	ey and soil ir ial television	netw	gation fo	or the pre	epar	atory	surv	ey o	Borehol			BF	I-01	
Cli								neering Co.L			. IC D		-4	! ~ 4		Sheet	1 117	1		of	2
Loca			to d		Gdh.I			Rig Drilling Met		Track Wheel				54m		Grour	ia wai	ter ie	vei	1.2	20 m
Date				d	29.12 29.12			Casing Dian			Casing Elevati			15.0	UM	Coord	inates	<u> </u>			
Daid	T 01	1.1111	SHC	u	29.12	201.	) 	Cashig Dian	ictei	10011111	Licvati			<u>i — — </u>		M	oisture	Conte	nt - %		
(m)	pu		e	р	(m)	-		6 3 5				F		Recor	ds	Undrai				t/m ²	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		Soil De	script	tion			(S	PT)		10 20 30	40	50 60	70	80	90
	$\mathbf{S}\mathbf{a}$	Sa.	Sa	Red	De	Le		_		_		15cm	15cm	15cm	z		Resista				<u> </u>
0.00	$\vdash$							Groui	nd leve	el		15	15	15		5 10 15	20	25 3	0 35	40	45
-	X	D1	DS WS		0.00	0	_	white fine to ounded CORA frag		AND with	_										
1.00		Da	00	\	1.00	1						,	2						-	+	+
	X	D2	SS	$\equiv$	1.00							3	3	8	11	<b>A</b> 11			-	+	+
F	$\vdash$			G.W.L		()										-		$\vdash$	_	_	+
			WS	at		0	Medium	dense blackis	sh wh	ite fine to	o medium					-		$\vdash$	_	+	-
2.00				1.20m		٨		ular to sub ro								-			_	+	-
	X	D3	SS			W.		with cora				6	7	8	15	$\perp$	15	$\vdash$	_		_
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			WS																	_	
3.00						0															
					3.00	Λ ()															
						$\mathbb{V}^{\sim}$															
			CS			lη ^V	Off whi	te highly wea	there	d highly	fractures	_									
4.00						1Y 0		CORA				Cr=	=44%	RQD	)=0%						
						N.															
						00															
H	7	D4	SS		4.50	· : ·()·						9	14	11	25						
5.00	Х		55		4.50	V							17	11	25			▲ 25			
-						0	Dense	grayish whit	e fine	to medi	um sub							$\Box$			
			WS			٠٧٠ .	angular	to sub rounde	d CO	RAL SA	ND with										
-			ws			V		coral f	ragme	ents										+	+
																			_	+	+
6.00	$\vdash$					10.0													_	+	+
	X	D5	SS		6.00	0						1	1	2	3	3				+	+
_	$\vdash$						-	ose grayish w										$\vdash$	-	+	+-
						0 :		ular to sub ro											-	+	+
7.00			WS			- 0	with co	oral fragments			n: water							$\vdash$	_	-	-
								loss was	obse	rved								$\vdash$	_	+	-
						0											_	$\vdash$	_	+	-
	$\bigvee$	D6	SS		7.50	- 0						3	2	2	4	4		$\vdash$	_		
8.00	$\triangle$						Loose	grayish white	medi	ium to co	arse sub					7.			_	_	_
Γ						0	angular	to sub rounde	d CO	RAL SA	ND with					-				$\perp$	_
			ws			0	coral fra	gments;(7.96-	-9.00)	m: water	r loss was					-					_
r						ν.	•	_	erved					1				$\Box$	$\perp$	$\perp$	
9.00						0								1							
<b>F</b>	7	D7	SS	•	9.00							10	6	6	12						
	Х				7.00	1		n dense off w				.~	ľ	`	~~	12	2				
-			ws				angular	to sub rounde	d CO	RAL SA	ND with										T
10.00			****			0		coral fr	ragme	ents											
10.00						V	<u> </u>							1		. ( )	Rem	arks	Logged	By:	_
SPT	Whe	re full	0.3m p	penetration	has not be	een achi	eved	D - Disturbed Sample	le	N -	- Natural Moist	ure Cor	ntent	C - Cor	nsolidatio	on	1		1		
					ne quoted p	penetrati	on	SS -SPT Sample		L -	- Atterberg Lin					ed Compression	Exis	sting	_	Lahiru	
GWI.	_			value) Level obse	rved inside	e the		W - Water Sample WS-Wgrey Sample			<ul> <li>Grain Size An</li> <li>Specific Grav</li> </ul>		t			ted Undrained ated Undrained	_	d leve	l Superv	ised By	<u> </u>
				the saturat				UD- Undisturbed Sar	mple	В -	- Bulk Density		-	pH - Cl	nemical			dered	L	Lahiru	1
NE		Encou						CS- Core Sample	(0/)	V -	- Vane Shear T	est			ganic cor			e zero vel	Drilled	By:	
HB FD		mmer ee Dov		e				Cr - Core Recovery RQD-Rock Quality		ion (%)					Sulphate oride Co	Content	10	. 01	] ,	Chamin	ıda
XXX	_	ide G		ıd	xxxxx	Silt		% Gravel			∆∆ Laterit	e No	dules			ompletely Wea	thered F	Rock		1	
	Cla					San		Organic	c Matte	_	Silty S				_	hly Weathered			Fr	esh R	ock

1'				In	ternatio	onal		nail: info	@e	lsami	n.coi	$_{ m n.m}$	, Maafan v, Web: v <b>n</b>					ves
Pro					Mald	ives	terrestrial television network proj	ecct in th	e R	epubl	lic of			nole No		ВН-	01	
Cli							iyo Engineering Co.Ltd	10 5					Sheet		2	of		2
Loca					Gdh.l						54m		Gro	ound W	ater le	vel	1.20	) m
Date			rtea ishe	d	29.12 29.12			Casing Elevati			15.0	Um	Coc	ordinate	es —			
	OI	1 1111	18110	u		.201.	Casing Diameter 100mm	Licvati			!			Moistur	re Conte	nt - %		
Œ	pu		ec.	p	(m)	p	Sail Description		F	ield F		ds	Unc	Irained S	hear Stre	ngth - t	m ²	_
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend	Soil Description			(SI	PT)				50 60		3 <b>0</b> —	<del>10</del> ●
<u>Ā</u>	Se	Sa	Se	Re	Ã	Le	Ground level		15cm	15cm	15cm	Z	5 10	PT Resis	stance - I		40	45
0.00					<del> </del>	· : 10:	Ground rever		1	_	<del>-</del>			15 20	23 3	33	40	43
						V	Same as previous							+		_		
	7	D8	SS		10.50	0			9	11	10	21		+		_		
1.00	Å	-			10.00	.0.					10			21				
						V	Medium dense off white fine to med											
			ws			.0	angular to sub rounded CORAL SA	ND with										
						I.v. 1	coral fragments											
2.00						V								+	$\dashv$			
	7	D9	SS		12.00	0			13	11	9	20		+	$\dashv$	+		
	Å				12.00	· · · · · · · · · · · · · · · · · · ·			10					20				
						V												
3.00			ws												$\Box$			
3.00			""			₩												
						0	Medium dense grayish white fine to	modium						+	$\rightarrow$			
	7	D10	SS				sub angular to sub rounded CORAI		23	13	15	28			$\dashv \vdash \vdash$			
4.00	X	1010	55			0	with sea shell and coral rock frag		23	13	13	20			28			
4.00						· - ·V·	fragments	inches										
			ws			V												
-			""			· · · · · ·												
5.00						0:								$\top$				
5.00	7	D11	SS						18	10	16	26						
	X		55			0			10	10	10	20			26			
					15.45		END OF THE BORE HOLE AT 1	5.45m										
6.00							DEPTH											
0.00																		
•																		
7.00																		
-																		
8.00																		
-														$\perp$	$\perp$			
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														$\perp$	$\perp$			
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0.00																		
MT.	***		0.2				Sample Key / Test Key				- -	** :		<u>R</u>	<u>emarks</u>	Logged F	By :	
PT					on has not b the quoted			Natural Moist Atterberg Lin			C - Con UCT-U		on ed Compression	.   _	wietie -	1	ahiru	
	is g	given	(not N-	value)			W - Water Sample G -	Grain Size An	alysis		CU - Co	onsolida	ted Undrained	gro	xisting und level	Supervise		_
WL				evel obs	erved inside	e the		-Specific Grav Bulk Density	ity Tes	t	UU-Un pH - Ch		lated Undrained	_	nsidered		ahiru	
E			ntered	me Satur	adon			Vane Shear To	est		O - Org		ntent		the zero	Drilled B		_
IB			Bounc	e			Cr - Core Recovery (%)						Content		level	~		
D XXX	_	ee Do	_{wn} Groun	d	X _× ××	Silt	RQD-Rock Quality Designation (%)	AA	o NT-	dulac	Cl' - Clo			Vooth - :-	d Dogl-	Ch	amind	1
××	Cla		JIOUI	u	X X X	San	<u> </u>			uutes		=	ompletely V thly Weathe			E	h Ro	ck
	LI	ιy			1.1.1.1.1.	ı əail	• • Organic Matter انتخفت سا	✓ I SHIV Si	auci		·/\`-	1 [11]	my weathe	icu KOCl		<ul> <li>rres</li> </ul>	0211	VK.

$\in$	5	녆	占	Int		_	AM private li	I N	d_			52,	Boduth	ıaku	rufaa	nu N	lagu	, Maa	fann	u, N	/Iale	' 20	-01, N	Malc <u>m</u> v	1ives
Pro	jec	et										n for	the pre	epar	atory	surv		n							
Cli	ent						iyo Engi															1		of	2
Loca					Gdh.I			Rig											Grou	nd \	Wate	er le	vel	1.1	5 m
Date					30.12											15.0	0m		Coord	lina	tes	<u> </u>			
Date	of	Fin	ishe	d	29.12	.2015	1	Cası	ing D	namete	er 100m	m	Elevati	on (1	m)	<u> </u>	-					1	t 0/		
(m)	рı		e)	_	m)									F	ield F	Record	ds							t/m ²	<b>—</b>
Depth (m)	Cond	ç.	Sa.Type	Reduced level	Depth (m)	Puegend			Soil	Descr	ription				(Sl	PT)		10						80	90
Del	Sa.	Sa.NO.	Sa.	Red leve	Dep	Leg								H.	H.	E.	-		SP	ΓRe:	sistan	ce - l	Blows/	ft 🛌	
0.00	_					_			C	Ground le	evel			15	15	15	~	5	10 1	5 2	20 2	25 30	0 35	40	45
_	X	D1	DS WS		0.00	0	-		ed CC		SAND v		_												
1.00	$\overline{}$	D2	SS		1.00	V								2	5	5	10					$\dashv$	+	+	+
2.00	X	D2	ws	G.W.L at	1.00	0			b rou	ınded C	CORAL				3		10		10	\	\				
_	X	D3	SS WS		2.00		angular	to sub	b rou	ınded C	CORAL	SAN	D with	10	14	20/H B	>50							>:	50
<u>3</u> .00			5		3.00	Ο _ν .	uo un uu					-											$\mp$	+	
<u>4</u> .00			CS				Off whi	te hig				ıly fr	actured	Cr=	=34%	.RQD=	=11%								
<u>5</u> .00	X	D4			4.50	0					-			11	6	5	11		1.						
<u>6</u> .00	X	D5	ws ss		6.00	0								7	9	5	14			14					
<u>7</u> .00			ws			0	sub ang	ular to oral fr	o sul ragm	b round ents; (	ded COF 6.45-7.5	RAL	SAND												
8.00	X	D6	SS		7.50	0	angular	to sub	b rou	ınded C	CORAL	SAN	D with	6	7	14	21				21				
<u>9</u> .00		D7	ws		9.00	0	coral fra	gmen		0.96-9.0 observ		ater l	loss was		8	8	16			$\int$					
10.00	A		ws		7.00	0			b rou	inded C	CORAL									1	5				
								1_			Track Wheel   Core Diameter   54mm   Ground Water level   1.15 m   hold   Rotary   Casing depth														
SPT	the	numb	er of b		n has not be the quoted p				sturbed : T Sampl ater San	le		L - A	Atterberg Lin	nit Test		UCT-U	nconfine	ed Compr				_	Supervi		
GWL NE	: Gro	ound \	Water l		erved inside	e the		WS-Wg UD- Un	grey Sar	mple ed Sample		SG -S B - B		ity Test	t	UU-Un pH - Ch	consolid	lated Undi		c	onsid s the	lered zero	1	Lahiru	
HB			Bound	e						overy (%)						SO ₄ ²⁻ - S	Sulphate	Content			leve	el		~L '	do
fd XXX	_	ee Do	_{wn} Groun	nd.	XxxxX	Silt		RQD-R	_		gnation (%)		Α ,	o N7	d.,1 -	CF - Clo	oride Co		Jr. 117	o #1-	nod D	0.61	<del> </del>	Chamin	ua
×××	Cla		or Out		X	San	d	80°C	=	ganic M	atter	ΔΛΔ <i>Ι</i>	_		uuies		_	omplete shly We				OCK	Fre	⊿ esh Re	ock

 Pro	jec	et			Topo	onal ograj igita				@e: epar	lsami <b>atory</b>	n.co	ey o	y, Web	rehole	v.elsam	in.c	BH-	av	ves
Cli	ent						niyo Eng	ineering Co.Ltd						She		+	2	of		2
Loca	atio	n			Gdh.l	Fiyoa	ıri	Rig Track W				54m		(	Ground	l Water	leve	el	1.15	m
Date Date				d	29.12 29.12			Drilling Method Rotary Casing Diameter 100m				15.0	0m	<b>—</b> с	oordii	nates				
	01	1 111	ISHC	u	İ	201	<u> </u>	Casing Diameter [100m	iii  Lievati		ield I		1.		Mo	isture Co	ntent	- %	_	_
h (m	puo		/pe	pac	Oepth (m)	pu		Soil Description		Г		PT)	us			ed Shear			m ²	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Dept	Legend		1		и			$\blacksquare$	10 20		40 50 Resistance	60 - Bl	70 8 ows/ft		
0.00								Ground level		15cm	15cm	15cm	Z	5 1	0 15	20 25	30	35	40	45
						0		Same as previous							$\vdash$	$\downarrow \downarrow \downarrow$	+	_		_
		D8	SS		10.50	Λ		<u> </u>		20	10	11	21			$\perp$	+	+		_
1.00	Χ	D8	22		10.50	0.	:			20	10	11	21		2	21	+	+		
1.00						V		n dense off white fine to									+	+		
			ws			0	angular	to sub rounded CORAL	SAND with											
						. ()		coral fragments												
2.00																	$\perp$			
	X	D9	SS		12.00	0	:			14	11	9	20		20	$\perp$	+			
	$\triangle$					1										1	+	+		
			NIG.														+	+	$\vdash$	
3.00			WS			0										+	+	+		
						()	Mediun	n dense grayish white fin	e to medium								+	+		
	$\bigvee$	D10	SS					gular to sub rounded COF		9	13	9	22				$\top$			
4.00	$\triangle$					0		sea shell and coral rock f								22				
						. : ():		fragments									$\perp$	$\perp$		
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						. : ()										+++	+	+		
5.00		D								10		1.5					+	+-		
	Х	DH	SS			0				12	8	15	23			23	+	+		
					15.45		END	OF THE BORE HOLE A	T 15 45m											
6.00							21,2	DEPTH	1 101.0111											
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		_						Sample Key / Test Key	Iv v-							Remark	s I	.ogged B	By:	_
PT					n has not b he quoted p			D - Disturbed Sample SS -SPT Sample	N - Natural Moist L - Atterberg Lin				nsolidation Inconfin	on ed Compres	sion	Existin	σ	I	ahiru.	
WI	is g	iven (	not N-	value)				W - Water Sample WS-Wgrey Sample	G - Grain Size An	alysis		CU - C	onsolida	ed Undrain	ed	ground le	- 9	Supervise	d By:	
	Bo	rehole	, after	Level obsethe the satura	erved inside tion	c ute		UD- Undisturbed Sample	SG -Specific Grav B - Bulk Density		ı	pH - Cl	nemical		neu	consider			.ahiru	
E B			ntered Bound	e				CS- Core Sample Cr - Core Recovery (%)	V - Vane Shear To	est			ganic cor Sulphate	tent Content		as the ze	10	Orilled B	y:	
D D	- Fr	ee Do	wn		1V ·· · ·			RQD-Rock Quality Designation (%)					oride Co	ntent				Ch	aminda	ı
$\stackrel{\wedge}{\sim}$			Groun	ıd	x×xx ······	=		Gravel	ΔΔΔΔ Laterit		dules		_	-		hered Roo	k [	$\preceq$		
	l Cla	137			1	San	a	Organic Matter	X X Silty S	and a		r - 's	TILL	hly Wea	thouad I	1-			h Ro	ole

$\in$	•	탾	ş	Int	LS	& onal	AM	N mited	52	2, Boduth	akuı	ufaa	nu M	agu, I	Maafannu	e: 790 600 , Male' 20 w.elsamin	-01, N	
Pro	jeo	et			Topo	ograp igital	hic surv	ey and soil inves ial television net	stigation f	or the pre	para	atory	surv		Borehol	e No	BH	I-01
Υ	-4:-							neering Co.Ltd	Tuo als W	That Come D		****	F 4		Sheet	nd Water le		of 2
Loc			ted		Gdh.'			Rig Drilling Method		he Core D Casing			54m 15.0			H	evei	0.70 m
Date				d	13.01			Casing Diamete		Elevati			13.0	OIII	Coord	inates		
- C					Ī						F	ield R	Record	is _	M	oisture Conte	ent - %	
h (n	Jond		ype	peo	h (n	pu		Soil Descri	iption		•		PT)	_	Undrai	ned Shear Str	ength -	t/m ²
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend			•		н			_		Resistance -		
0.00		0,						Ground le	evel		15cm	15cm	15cm	z	5 10 15	20 25	30 35	40 45
1.00	X	D1	DS WS	<b>*</b>		0		sh white fine to r rounded CORAL fragmen	SAND wi	_								
	M	D2	SS	G.W.L	1.00		Vory do	ense grayish whit	to modium	to conrec	7	25	НВ	>50				>50
2.00		D3	ws ss	at 0.70 m	2.00	0		ular to sub round with coral rock	led CORA	L SAND	7	10	11	21				
-	X		WS		2.00	0					,	10				21		
3.00	X	D4	SS			0 0					10	3	10	13		3		
<u>4</u> .00			WS			0												
5.00	X	D5	SS WS			0		um dense grayish sub angular to su			7	8	8	16		16		
<u>6</u> .00	X	D6				0		o with coral rock Water loss was ol depth	bserved be		3	7	4	11				
<u>7</u> .00			WS			0 0						10						
<u>8</u> .00	X	D7	ss ws			0					9	18	11	29			29	
<u>9</u> .00	X	D8	ss ws			0		-10.00)m: Grain :			9	10	11	21		21		
10.00						0												
SPT GWL	is g	numb given ( ound V	er of b not N- Vater I	olows for to value) Level obse	n has not b he quoted	penetrati		D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample	L G SO	Natural Moistr     Atterberg Lim     Grain Size An G -Specific Gravi	it Test alysis		UCT-U: CU - Co UU-Un	onsolidatec consolidate	Compression I Undrained ed Undrained	Existing ground level considered	- 1	Lahiru ised By:
NE HB	Not	rehole Encour immer	itered	the satura	tion			UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%)		- Bulk Density - Vane Shear To	est			anic conte		as the zero		Lahiru By:
нв FD		immer ee Dov		Je				Cr - Core Recovery (%) RQD-Rock Quality Desig						Sulphate C oride Conte			1	Danushka
	Ma	ide G	rour	nd	×××××	Silt		တ္တိတ္တဲ့ Gravel	Δ. Δ.	Laterit	e Noc	lules		Cor	npletely Wea	thered Rock		1
	Cla	ay				San	d	Organic Ma	atter x	Silty Sa	and			High	ly Weathered	Rock	Fre	esh Rock

Pro	jec	t						n for the p	repar	atory	surv									
	J						terrestrial television network j iyo Engineering Co.Ltd	project in t	the Re	publi	c of		Sh	eet			2		of	
	atio				Gdh.'	Thina	dhoo Rig Tracl								nd V	Vate				70 r
	e of			1	13.01						15.0	0m	_ (	Coord	inat	es				
Jate	e of	Fin:	she	d	13.01	.2016	Casing Diameter 100n	ım Elev			i	I		М	oistu	re Co	onten	ıt - %		
Depth (m)	puo		be	p	(m)	p	Soil Description		F			ds -							t/m²	
epth	Sa. Cond	Sa.NO.	Sa.Type	Reduced	Depth (m)	Legend	Son Description						10 2						80-	90
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/L				Level ob the satur	served insid	e the	WS-Wgrey Sample UD- Undisturbed Sample			t			ated Undra	ained					Lahi	ru
3	Not I	Encou	ntered				CS- Core Sample				anu Magu, Maafannu, Male' 20-01, Min.com.ny, Web: www.elsamin.com.ny  y survey on lic of Sheet 2 of Sheet 2 of Sheet 2 of Coordinates		_							
В		mmer ee Dov	Bounc vn	e			Cr - Core Recovery (%)  ROD-Rock Quality Designation (%)		Second   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Content   Conte	Danue	hka									
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	e of					1.2016		Drilling Method		Casing			15.0	0m	Coo	rdina	ites				
Date	e of	Fin	ishe	1	14.0	1.2016		Casing Diameter	100mm	Elevati			<u> </u>				ture C	onten	t - %		
(m)	pu		)e	р	(m)	٦		C-11 D	-4:		F	ield I		ds –	Und				ngth - t	t/m ²	
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		ļ					Blacki	sh brown fine to m	edium sub	angular								T			
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.00	L			_		:()												_		_	
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		4		at		0.		gular to sub rounde										$\perp$			$\angle$
			WS	0.70 n	1	0		with coral rock f						-	+	+		+	$\rightarrow$	$\forall$	-
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			ws			V		sub angular to sub										$\pm$	_	+	$\vdash$
.00						0	S	AND with coral ro	ck fragmer	nts							T	$\top$			$\top$
	$\nabla$	D4	SS			- 10					8	13	8	21			I				
																	21				
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E			, after i ntered	he satur	auon			UD- Undisturbed Sample CS- Core Sample		Bulk Density Vane Shear To	est		I	nemical ganic cont	ent	a	as the 2		Drilled E	Lahiru 3 <u>y:</u>	
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Laterite Nodules

Silty Sand

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	is g	given (	not N-	value)			···	W - Water Sample		G - Grain Size A					d Undraine			cisting and lev	C,	upervise		_
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NE			, arter ntered	uic satural	IOII			CS- Core Sample		V - Vane Shear			1	ganic cont	ent			he zer	o <u>D</u>	Prilled By		_
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00	L,			1.10 m		·. · ·											$\not\perp$	_	$\perp$	-		
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00			CS			Ιχ ₀		fractured CORAL			Cr=	:16%	RQD	)=0%			+	+	+			
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			CS			100	Off whit	e highly weathered	slightly fr	ractured	Cr-	20%	ROD:	-15%			_	-	+			
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VL	_				rved inside	e the		WS-Wgrey Sample		Specific Gravi			UU-Un	consolic	ated Undra		_	and lev isidere	vei –			
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E B		Encour mmer	ntered Bounc	e				CS- Core Sample Cr - Core Recovery (%)	V - \	Vane Shear To	est			ganic cor Sulphate	Content			level	D	rilled By	<u>(</u>	
)		ee Dov						RQD-Rock Quality Designation						oride Co						Da	nushka	ı
炎炎	Ma	de C	roun	ıd	×××××	Silt		% Gravel		Laterit	e Noc	lules	<u> </u>	: C	ompletel	y Weat	hered	1 Rocl	k /	$\leq$		
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ξl	<b>5</b>	를	3	Ini	ernatio	nal	AMIN private limited	52, Em	/ Fax: + Boduth ail: info	aku @el	rufaa sami	nu M n.cor	lagu n.m	, Maa v, We	ıfan	nu, l	Male	' 20	-01,	Ma .mv	ldi	ves
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Date	of S	Stai	ted		06.01	.2016	5 Drilling Met	hod Rotary	Casing	dep	th	15.0	0m		_	1.		I		_		
Date	of l	Fin	ished	1	06.01	.2016	6 Casing Diam	neter 100mm	Elevati	on (1	m)	<u> </u>			Coc	ordin	iates	Г		_		
					<u> </u>					F	ield I	Recor	de						ent - %	_		_
ш) (	puo		'pe	eq		ъ	Soil De	scription		1		PT)	us						ength		1 ²	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend	Son Be	semption						10		30		50 E			- 9	<del>00</del>
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						0.0	Off white highly wea								_	_	_			+		
			CS			0	CORAL ROCK; The			Cr-	=38%	RQD	n=0%		_					4		
3.00			CS			<b>1</b> 40	was recovered as, hi	ghly fractured	cobble	C1-	-3070	KQL	<b>-</b> 070									
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1.00						ďΟ	Off white highly wea								+	_	+			+	-	_
						0	CORAL ROCK; The			Cr=	=73%	RQD	=0%		+	-	+			+	-	
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20.00						Sample Key / Test Key									Remar	ks	Logged	By:	_
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F	•	B	E	Inte	LS	& onal	AM private li	IN mited		52,	/ Fax: + Boduth ail: info	akur	ufaa	nu M	lagu, I	Maafa	nnu,	Ma	1e' 20	0-01, 1		ives
Pro	•				Topo	ograp igital	hic surv	ey and soil inv ial television r	etwork	ion for	the pre	para	atory	surv		Boı	rehole			BI	I-02	
Cli								neering Co.Lt		alr W/la	Core D		****	£ 1		She		4 W	ater le		of 1 14	2
Loca			ted		Gn.Fi 07.01			Rig Drilling Meth			Casing			54m 15.0					Ti Ti	evei	1.1	0 m
Date					07.01			Casing Diame			Elevati			13.0	OIII	- C	oordi	nate	s —			
-					<u> </u>				•			F	ield F	Record	ds _				e Conte		•	_
h (m	γond		ype	pec	h (m	pu		Soil Des	cription	1		1.		PT)	_					rength -	t/m ²	000
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend			•			п			$\vdash$	10 20		40 Resis		50 70 Blows		900
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1.00		ļ		<b>*</b>		0												$\perp$	_		_	
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			WS	at		V	Medium	Dense grayish	white	fine to	medium							-	-		+	
2.00	$\vdash$	D2	SS	1.10 m		٥	sub ang	ular to sub rou	nded C	ORAL	SAND	10	10	1.0	 			+	$\vdash$		+	
	X	D3	55			٧٠.	wit	th coral and sea	a shell f	ragmer	nts	18	12	13	25			+	25		+	$\vdash$
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4.00			ws			· · · · · · · · · · · · · · · · · · ·	_	ular to sub rou													1	
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5.00	$\triangle$	l				v		ium Dense gra										13				
Γ						.0		sub angular to with sea shells										$\rightarrow$	$\downarrow$		_	
			ws			٠٠٠٠	SAND	with sea shells	and co	лат пад	gineins							$\perp$		$\sqcup$		
						V	Very D	ense grayish v	vhite fi	ne to m	edium							$\perp$	_		$\perp$	
6.00	L,					۸	_	ular to sub rou										+	-			
	X	D6	SS		6.00	V .	with s	ea shells and c	oral roc	<u>ck fragr</u>	nents	HB	l-t		>50			+	-		_	
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						00	Off w	hite highly we	athered	l moder	ately							+	-		+	
7.00			CS			$\int_0^{\infty}$		fractured CO				Cr=	98%	RQD=	=10%			+			+	
						00										+		+	+		+	
-						0,0												+				
					7.70	10												+			+	
8.00						ňΟ	Off whit	e highly weath	ered sli	ightly fi	ractured											
			CS			00	CORAL	ROCK;Latter	-		e run is	Cr=	44%	RQD=	=28%							
-						0		cobble size	coral re	ock												
9.00						0																
-						<del>  V</del> 0-																
					9.20	000	Off	white highly w	eathere	d intens	selv	_						4				
			CS			10,0		d coarse sub a				Cr=	:34%	RQD:	=30%			$\perp$				
10.00				L		00		CORAL	-			L			_ L							
CDT	Tr	mo E **	0.2-		has - :		avad	D. Diometral C.		lsv ·	Johns 134		ton.	C C	colid-r			Re	marks	Logge	By:	
SPT				penetration lows for the				D - Disturbed Sample SS -SPT Sample			Natural Moist Atterberg Lim		nent		solidation nconfined	Compress	sion	Fv	isting		Lahiru	
OV. "	-	-		value)				W - Water Sample			Grain Size An			CU - Co	onsolidated	l Undrain	ed		nd lev	el	ised By:	
GWL				Level obse the saturat		e the		WS-Wgrey Sample UD- Undisturbed Samp	ole		Specific Gravi Bulk Density	ity Test		UU-Un pH - Ch	consolidate emical	ed Undrai	ned		siderec		Lahiru	
NE	Not	Encou	ntered					CS- Core Sample			Vane Shear Te	est		O - Org	anic conte				he zero evel	Drilled	By:	
HB FD		immer ee Do	Bound wn	e				Cr - Core Recovery (9 RQD-Rock Quality Do		6)					Sulphate C oride Conte			'			Danushk	a
$\times$	Ma	ide C	rour	ıd	×××××	Silt		% Gravel		Δ ΔΔ Δ Δ Δ	Laterit	e Nod	lules	<u> </u>	_	npletely	y Weat	hered	Rock		1	
	Cla	ay				San	d	Organic	Matter	× ×	_	and			_	ly Weat				Fr	esh Ro	ock

Pro	jec	et .				grap	hic surv	ey and soil investial television net						ey o	<b>1</b>	Boreho	ole No		В	H-02	2
Cli	ent				M/s.	Yach	iyo Engi	neering Co.Ltd							Ç	Sheet			2	of	2
Loca					Gn.Fu			Rig	Track Wh				54m			Grou	ınd Wa	ater l	evel	1.	.10 m
			rted ishe	4	07.01 07.01			Drilling Method Casing Diameter		Casing Elevation			15.0	0m		Coor	dinates	; <b> </b> -			
			13110	u	Ī	.2010	,	Cusing Diameter	10011111	Lievati	r Ì		Recor	1.		1	Moisture	Cont	ent - %		
ш) (	puo		/pe	pa	(m)	ρι		Soil Descrip	otion		Г		recor PT)	us			ained Sh			- t/m	2
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		Son Beseri	otion .		ı				10	20 30 SP	T Resist	50		8 <b>€</b> -	
0.00	S	S	S	R Ic	Д	1		Continue from	Page 1		15cm	15cm	15cm	Z	5				30 35	_	45
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					15.20		END (	OF THE BORE H	OLE AT 15	5.20m											
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20.00													
				Sample Key / Test Key							Remarks	Logged By :	
GWL	Where full 0.3m pen the number of blow is given (not N-val : Ground Water Lev Borehole, after the Not Encountered -Hammer Bounce	vs for the quoted pue) el observed inside	enetrati	D - Disturbed Sample SS -SPT Sample W - Water Sample WS-Wgrey Sample UD- Undisturbed Sample CS- Core Sample Cr - Core Recovery (%)	N - Natural Moist L - Atterberg Lin G - Grain Size An SG -Specific Grav B - Bulk Density V - Vane Shear To	alysis ity Test	UCT- CU - UU-U pH - 0	Consolida Inconsolic Chemical rganic con	ed Compres nted Undrair lated Undra	ned	Existing ground level considered as the zero level	Lahii Supervised B  Lahii Drilled By:	ly:
FD	- Free Down			RQD-Rock Quality Designation (%)			Cl - C	Cloride Co	ntent			Danus	hka
XXX 	Made Ground Clay	×××××	Silt San	Son Gravel Organic Matter	Laterit	e Nodu	ıles		ompletel ghly Wea	-	thered Rock Rock	Fresh F	Rock

$\exists$	•	臣	B	Inte	LS	& onal	AM	IN mited	52,	, Boduth	akuı	rufaa	nu M	lagu,	bile Hotli Maafann , Web: wv	u, N	Iale'	20-0			ives
Pro	•				Topo	ograp igital	ohic surv	ey and soil invest ial television netv	igation fo	r the pre	par	atory	surv		Boreh				ВН	-01	
Cli								neering Co.Ltd					1		Sheet	1 1	<b>T</b> 7 .	1	0		2
Loca			.41		S.Hit			Rig Drilling Method	Dotomy	Core D			54m		Gro	and \	<i>N</i> ate	r lev	/el	0.70	) m
Date				d	09.01 09.01			Casing Diameter		Casing Elevati			15.0	OIII	Coor	dina	tes				
Daic	01	1 1111	ISHE	u		.2010	<u> </u>	Casing Diameter	10011111	Licvati			<u>i — — </u>	. 1		Moist	ure Co	onten	t - %		
(m)	pu		ec.	Ð	(m)	ъ		Cail Dagarin	.tion		F		Recor	ds -					ngth - t	/m²	
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	Depth (m)	Legend		Soil Descrip	otion			(S)	PT)		10 20 3					80	90
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F		1	****	_ ▼		.0	sub rou	nded CORAL SAI	ND with co	oral and							-	+	-		
			WS	_		V		sea shell frag	ments									+			
1.00	$\vdash$	ł		G.W.L		0											-	+	-	$\vdash$	-
	IX	D2	SS	at	1.00						9	12	13	25				25	-	-	-
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2.00		l														$\perp$		_	_	-	
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-						١٧,		CORAL RO	)CK									+			
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8.00	1				$\vdash$								1	┌┼┤			-	+	-		
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L	1		ws				-	nded CORAL SA		-						$\vdash$		+	-	+	
1	1					0::	100	and coral frag								$\vdash$		+	-		
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	X	D7	SS		9.00	^	Loose	grayish white fin	e to mediu	ım cuh	8	3	4	7	4 7		-	+	-	$\vdash$	
L	$\sim$					0		to sub rounded CO							-++-		-	+	-	-	
1	1		ws				_	sea shell and coral								$\vdash$		+	-	-	
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	is g	given (	not N-	value)				W - Water Sample		Grain Size An	alysis		CU - Co	onsolidat	ed Undrained		Existi ound	_	Supervis		
GWL				Level obse the saturat	rved inside	e the		WS-Wgrey Sample UD- Undisturbed Sample		-Specific Grav Bulk Density	ity Test	1	UU-Un pH - Ch		ated Undrained		onside			Lahiru	
NE			, after ntered	me satural	IOII			CS- Core Sample		Vane Shear To	est		*	anic con	tent	a	s the 2		Drilled I		
НВ	-На	mmer	Bound	e				Cr - Core Recovery (%)					SO ₄ ² - 5	Sulphate	Content		leve	l			
FD XXX	_	ee Do		A	x _v x _v x	0.17		RQD-Rock Quality Designa		ΔΔ .			Cl' - Clo	oride Cor				_	D	anushk	a
~~~	-		Groun	ıu	x^ x x	Silt		Gravel	ΔΔ. ΔΔ.			tules		=	ompletely W			ck			,
	Cla	ıy				San	a	Organic Mat	ter x	Silty S	and		V\`-	7 Hig	hly Weather	ed Ro	ck		Fre	sh Ro	∘ck

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Pro	jec	t						ey and soil invest ial television netw						ey or	Boreh	ole No)		BH-	01	
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epth	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	epth	Legend		Son Descrip	uon			(2	PT)			30 40			70 8	9	0●
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12.00	X	D9	ws ss		12.00	0 0					15	18	11	29				29			
13.00	X	D10	ws ss			0 0	sub ang	dense yellowish v ular to sub rounde	d COR	AL SANI		21	9	30				30			
14.00			WS			0	wi	th seashell and cor	ral fragı	ments											
	X	D11	SS			0					13	16	9	25		\perp	\int_{2}	5			_
<u>1</u> 6.00					15.45	-	END (OF THE BORE HO DEPTH		Γ 15.45m											
17.00																					
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20.00							<u> </u>	Sample Key / Test	Kev			1				D	emarks	IΙΛ	gged B	v :	_
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HB FD		mmer ee Dov	Bounc wn	e				Cr - Core Recovery (%) RQD-Rock Quality Designa	tion (%)					Sulphate oride Con			level		Da	nushka	ı
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Pro	jeo	et						ey and so al televis								ey on	Во	rehole	e No		Bl	H-02	
Cli	ent							neering C		work p	roject n	ı tiic	КС	Jubii	C OI		Sh	eet		1		of	2
Loca					S.Hit			Rig		į		re Di			54m		(Groun	d Wa	ter le	evel	0.7	70 m
Date Date				d	10.01 10.01			Drilling I Casing D				sing o			15.0	0m	\dashv c	oordi	nates	-			
		1.111	ISHC	u		.2010	,	Casing D	rameter	TOOIII	ш Ек	vatio			<u>i —</u>	,		Мо	oisture	Conte	ent - %		
Depth (m)	Sa. Cond		'pe	pə	Depth (m)	ρι		Soil	Descri	ntion			Fi		Record PT)	as –		Jndrain				t/m ²	
ept	a. C	Sa.NO.	Sa.Type	Reduced level	epth	Legend		bon	Descri	ption		L	- 1				10 2				Blows	80 /ft .	90
.00	S	S	S	R	П			C	Fround lev	vel			15cm	15cm	15cm	z	5	10 15	20		30 35	40	45
.00	X	D1	DS WS	▼ G.W.L		0		sh white fi				ılar				-							
.00	X	D2	ss ws	at 0.70m	1.00	÷ 0							12	11	9	20			20	0			
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.00	X	D4	SS				sub angu	n dense gr ular to sub	rounde	ed COR	RAL SAN		5	6	7	13		13	3				
.00	\bigvee	D5	ws ss			0	WIL	h coral ar	iu sea si	nen iraş	gments		5	9	15	24		\		24			
5.00			WS			0										-				24			
- 7.00			CS		6.00 7.00	000		te fresh C			-	part	Cr=	64%	RQD:	=13%							
<u>-</u> <u>3</u> .00	X	D6	SS		7.00	0		nse grayis				ırse	16	НВ		>50							>50
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_	\vdash				<u> </u>	n 0	O.C. 1:	~	ODAY	DOCK:	T			<u> </u>		\dashv	+		-		\vdash	+	+
0.00			WS		9.45	00		te fresh C the core i			-	part	Cr=	40%	RQD	=0%							
0.00	<u> </u>	<u> </u>	_		<u> </u>	IV				, 51, 11dt					<u> </u>				Ren	narks	Logge	d By :	
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NE HB		Encou	ntered Bound	ne.				CS- Core Samp Cr - Core Reco			V - Vane S	hear Tes	t			anic cont				e zero vel	Drille	l By:	
D		mmer ee Do						Cr - Core Reco RQD-Rock Qu		ation (%)	1					Sulphate (oride Con			L	_		Danusl	ıka
XX	Ma	ide C	rour	ıd	×××××	Silt		တ္တိုင္တို Gra	avel		ΔΔΔΔ L	aterite	Nod	lules	<u> </u>	: Co	mpletel	y Weat	hered	Rock			
	Cla	ıy				Sano	i	Or	ganic Mat	tter		lty Sar	nd			High	ıly Wea	thered	Rock		Fı	esh R	lock

	5	녆					AM private li		I		52,	/ Fax: - Boduth ail: info	naku	rufaa	ınu M	lagu,	Maaf	annı	ı, Ma	le' 20	0-01			ves
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Clie	ent						iyo Engi				1 .						Sh			2		of		2
Loca	itio	n			S.Hitl			Rig				Core D			54m		(Grou	nd Wa	iter le	evel	(0.70	m
Date					10.01				ing Metho			Casing			15.0	0m	\dashv	Coord	linates	.				
Date	10	rın	ished		10.01	.2010) 	Casii	ng Diame	ter 100	ШШ	Elevati	<u> </u>		<u>i</u>			N	loisture	Conte	ent - (<u> </u>		
(m)	pu		ec.	D.	Depth (m)	р			Cail Dage				F		Record	ds -	1		ined Sh				m ²	_
Depth (m)	Sa. Cond	Sa.NO.	Sa.Type	Reduced level	epth	Legend			Soil Desc	приоп				(5)	PT)		10 2	0 30		50 6		0 80	9	0
10.00	S	Sa	S	% 5	Ď	Ľ			Ground	level			5cm	5cm	5cm	z	5	SP1	Resist			_	40 4	45
11.00						000		,	Same as p		S													
12.00					10.95	000	ROCK: sub a	; Core ngula	intensely e was reco r to sub re fragm	overed a	as cobb	ole size	Cr=	=10%	RQD									
	X	D8	SS		12.00	- ()	Wash Sa	mple:					18	20	НВ	>50		Ш						50
_	\triangle													NO S	AMPLE	3				-				7
13.00			ws			0			ne to medi al and sea															
14.00	X	D9	SS WS		13.50	0			e pale grangular to	sub rou			17	12	15	27				(7			
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15.00						ν.	Dens	se pal	e grayish		ite CO	RAL \												
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		<u> </u>					1		Sample Key /	Test Key									Rei	narks	Log	ged By	<u>y</u> :	
SPT	the	numb		ws for th	has not be ne quoted p			SS -SPT	turbed Sample Sample ster Sample		L	Natural Moist Atterberg Lin Grain Size Ar	nit Test		UCT-U		n d Compres ed Undrais			isting	Sun	La	ahiru d By:	
GWL	: Gr	ound \	Water Le	vel obse	rved inside	the		WS-Wg	rey Sample		SG -S	Specific Grav		t	UU-Un	consolid	ated Undra			nd leve siderec	21			
NE			, after the ntered	saturat	ion				disturbed Samp e Sample	le		Bulk Density Vane Shear T	est		pH - Ch O - Org	emical anic con	tent			ne zero	. L	La lled By	ahiru /:	
НВ	-Ha	mmer	Bounce					Cr - Cor	e Recovery (%						SO ₄ ² - S	Sulphate	Content		10	evel				
fd 888	_	ee Do	_{wn} Ground		××××××××××××××××××××××××××××××××××××××	Silt		RQD-Ro	Gravel	signation (%	ΔΔΔ ΔΛΔ	Laterit	to No	dulas	Cl' - Clo	oride Cor	mpletel	v Wa	atherod	Rock	 	Dar	nushka	
	Cla		Junu		X	San			=	Matter	× ×	_		autes		=	hly Wea	-		NOUK		Fresh	h Roc	ck

添付資料

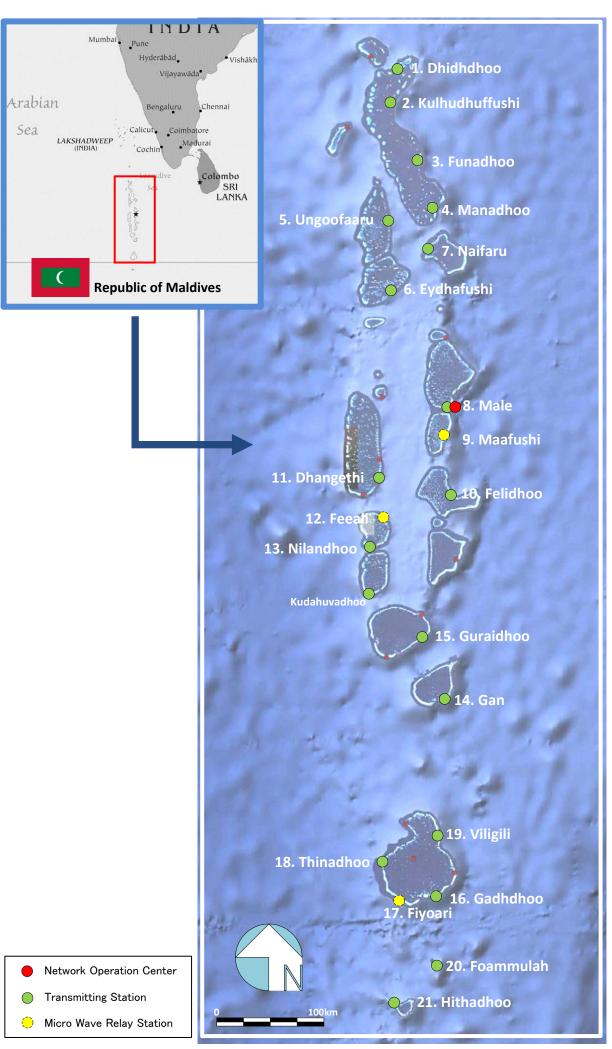
資料-8 概略設計図

添付資料 8 概略設計図

No	図面名称
G-1	サイト位置図
A-1	デジタル放送網全体図
B-1	送信所系統図(ディッドゥ)
B-2	送信所系統図(クルドゥフシ)
B-3	送信所系統図(フナドゥ)
B-4	送信所系統図(マナドゥ)
B-5	送信所系統図(ウンゴファル)
B-6	送信所系統図(エイダフシ)
B-7	送信所系統図(ナイファル)
B-8	送信所系統図(マレ)
B-9	送信所系統図(マーフシ)
B-10	送信所系統図(フェリドゥ)
B-11	送信所系統図(ダンゲティ)
B-12	送信所系統図(フィアリ)
B-13	送信所系統図(ニランドゥ)
B-14	送信所系統図(ガン)
B-15	送信所系統図(グライドゥ)
B-16	送信所系統図(ガッドゥ)
B-17	送信所系統図(フィヨアリ)
B-18	送信所系統図(ティナドゥ)
B-19	送信所系統図(ビリギリ)
B-20	送信所系統図(フォームラク)
B-21	送信所系統図(ヒタドゥ)
C-1	NOC 全体図
C-2	NOC 系統図
C-3	PSM 系統図
C-4	MMS&MoHA 系統図
C-5	民放系統図
AA-1	TRANSMITTER BUILDING PLAN
AA-2	TRANSMITTER BUILDING ELEVATION & SECTION
AA-3	TRANSMITTER BUILDING DETAIL
AA-4	TRANSMITTER BUILDING ELEVATION & SECTION
AA-5	TRANSMITTER BUILDING DETAIL OF STAIR
AA-6	TRANSMITTER BUILDING FITTING SCHEDULE

No	図面名称
AS-1	TRANSMITTER BUILDING FUNDATION PLAN AND 1st, 2nd, ROOF FRAMING
	PLAN
AS-2	TRANSMITTER BUILDING FRAMING ELEVATION
AS-3	TRANSMITTER BUILDING ALLOWABLE BEARING CAPACITY 60kN/m ²
	FOUNDATION SCHEDULE
AS-4	TRANSMITTER BUILDING ALLOWABLE SOIL BEARING CAPACITY 70kN/m ²
	FOUNDATION SCHEDULE
AS-5	TRANSMITTER BUILDING ALLOWABLE SOIL BEARING CAPACITY
	100kN/m ² FOUNDATION SCHEDULE
AS-6	TRANSMITTER BUILDING ALLOWABLE SOIL BEARING CAPACITY
	140kN/m ² FOUNDATION SCHEDULE
AS-7	TRANSMITTER BUILDING GIRDER SCHEDULE COLUMN SCHEDULE
AS-8	TRANSMITTER BUILDING BAR ARRANGEMENT OF STAIR WALL AND
	SLAB SCHEDULE
AS-9	TRANSMITTER BUILDING BAR ARRANGEMENT OF FRAMING ELEVATION
E-1	TRANSMITTER BUILDING LEGEND FOR SYSTEM & WIRING ELECTRICAL
	PANEL
E-2	TRANSMITTER BUILDING POWER SUPPLY PLAN
E-3	TRANSMITTER BUILDING LIGHTING FIXTURE & OUTLET SOCKET PLAN
M-1	TRANSMITTER BUILDING VENTILATION AND AIR CONDITIONING
	SYSTEM EQUIPMENT SCHEDULE
L-1	敷地配置図(ディッドゥ)
L-2	敷地配置図(クルドゥフシ)
L-3	敷地配置図(フナドゥ)
L-4	敷地配置図(マナドゥ)
L-5	敷地配置図(ウンゴファル)
L-6	敷地配置図(エイダフシ)
L-7	敷地配置図(ナイファル)
L-8	敷地配置図(マレ)
L-9 L-10	敷地配置図 (マーフシ) 敷地配置図 (フェリドゥ)
L-10	敷地配置図(ダンゲティ)
L-11	敷地配置図(フィアリ)
L-12	敷地配置図(ニランドゥ)
L-13	敷地配置図(ガン)
L-15	敷地配置図(グライドゥ)
L-16	敷地配置図(ガッドゥ)
L-17	敷地配置図(フィヨアリ)
21/	- Динаран (/ 1 · / //

No	図面名称
L-18	敷地配置図(ティナドゥ)
L-19	敷地配置図 (ビリギリ)
L-20	敷地配置図(フォームラク)
L-21	敷地配置図(ヒタドゥ)



PPROJECT FOR THE DIGITAL TERRESTRIAL TELEVISION BROADCASTING
NETWORK DEVELOPMENT PROJECT IN THE REPUBLIC OF MALDIVIES

Title

PROJECT SITES

A. Saito

CHECKED

A. Saito

R. Terabayashi

N. Nambu

N. Nambu

TOKYO APAN

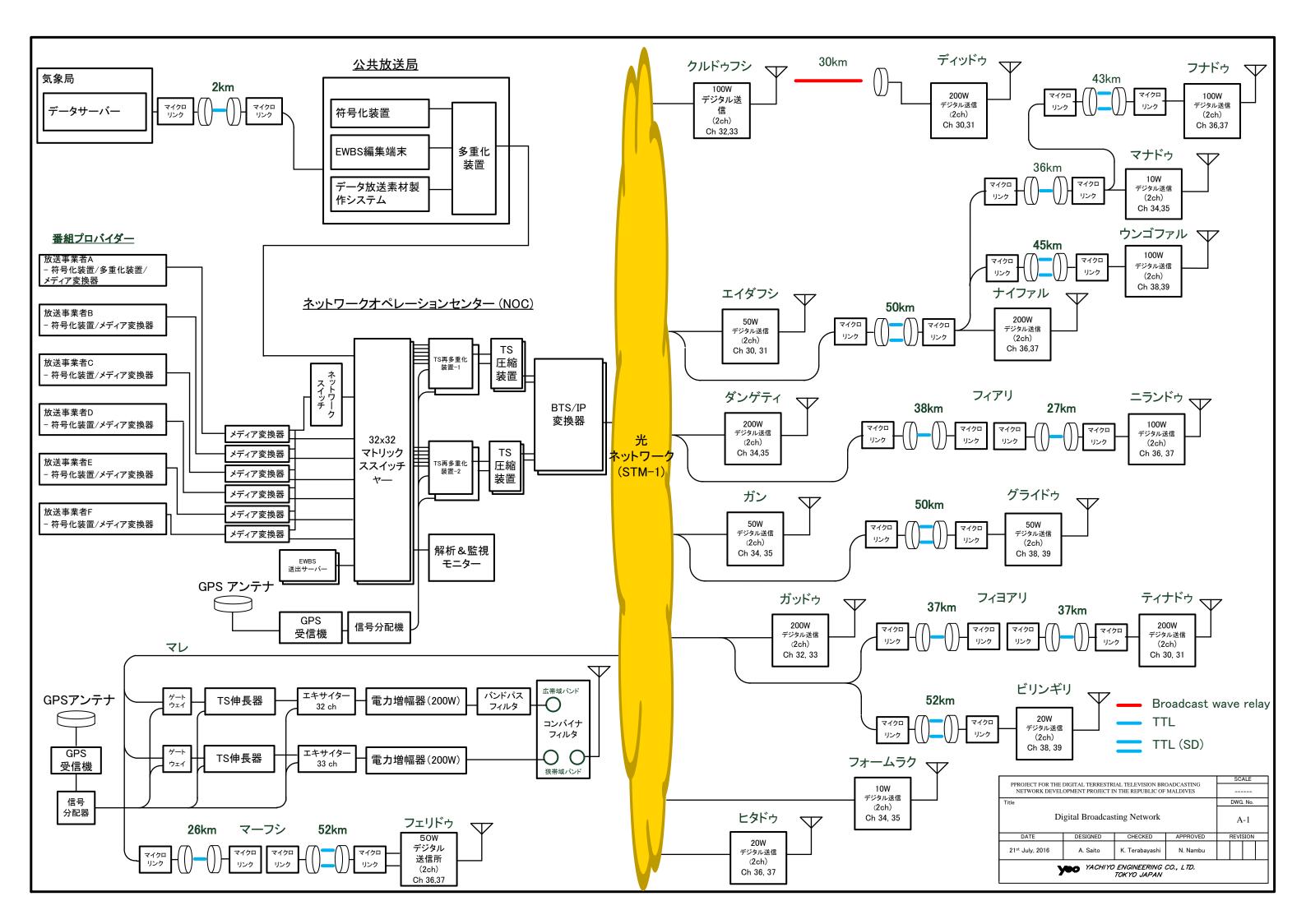
TOKYO APAN

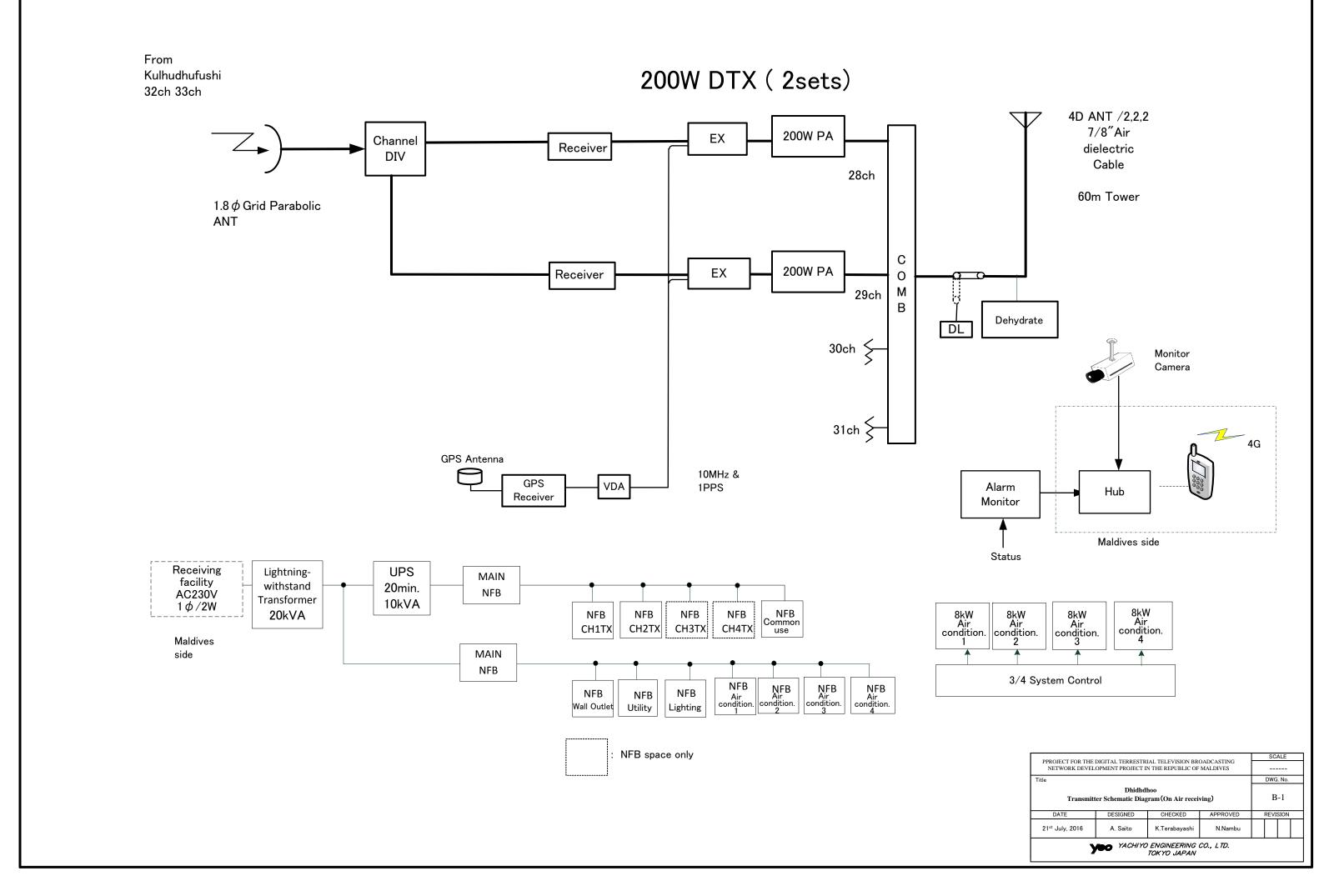
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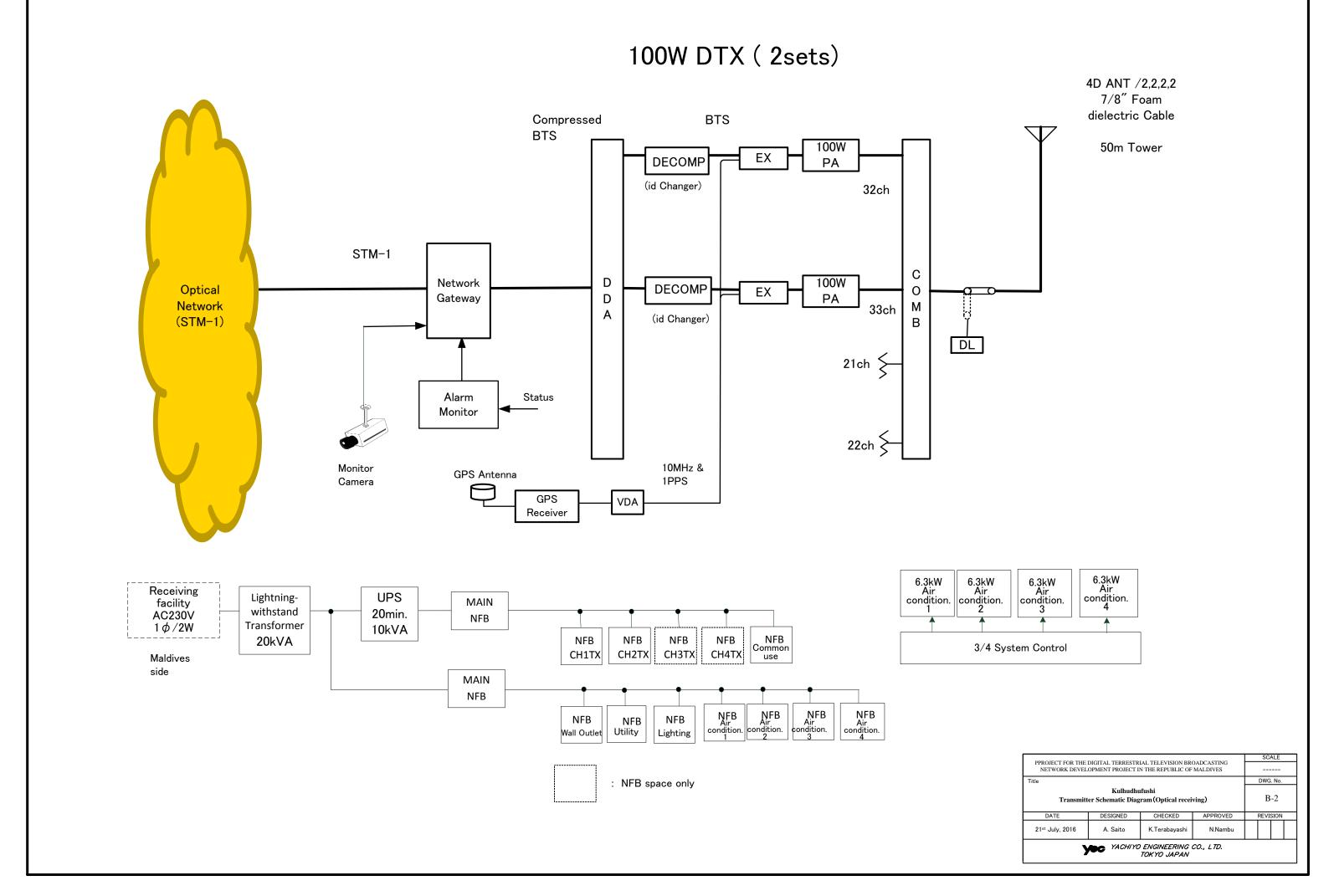
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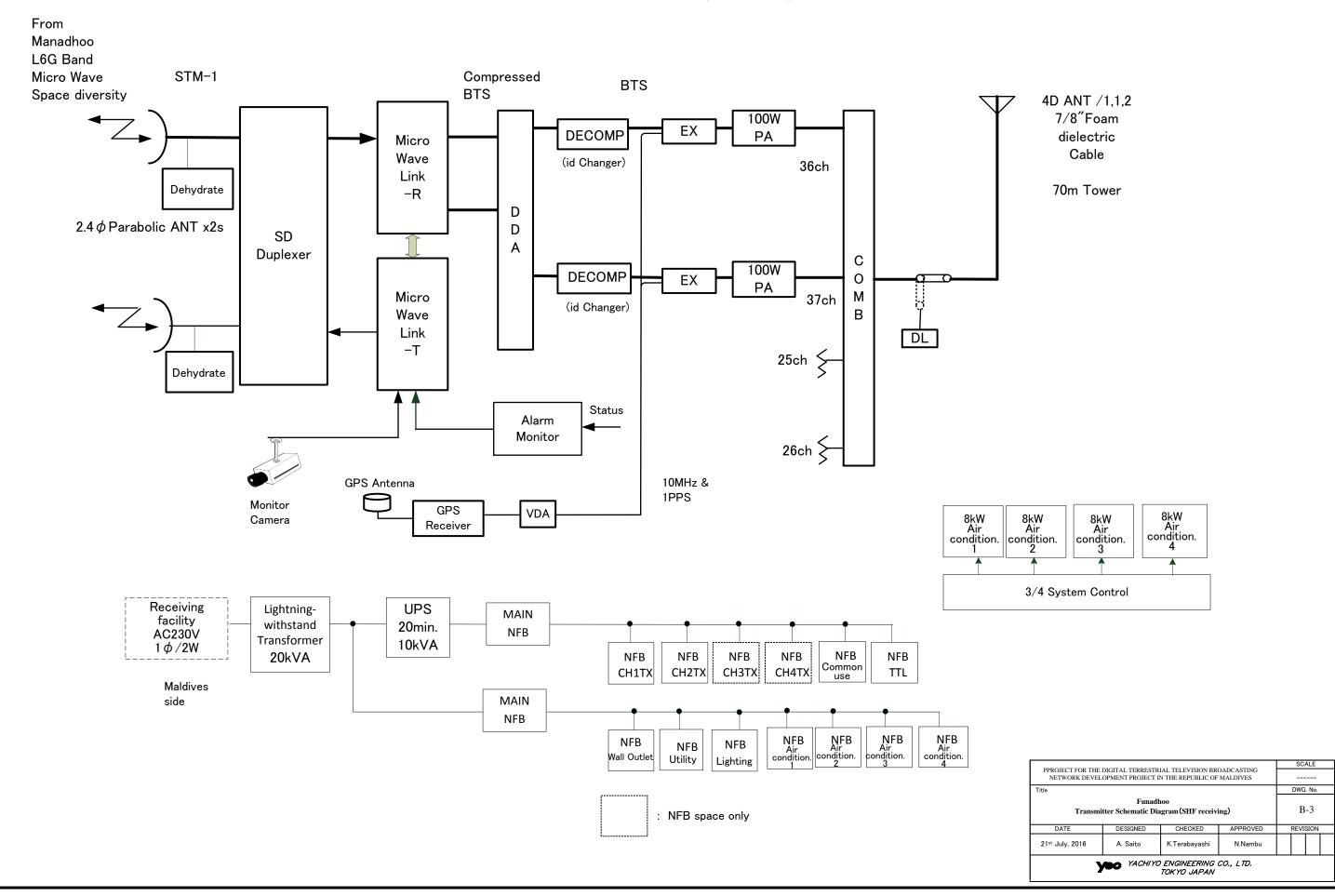
G-1

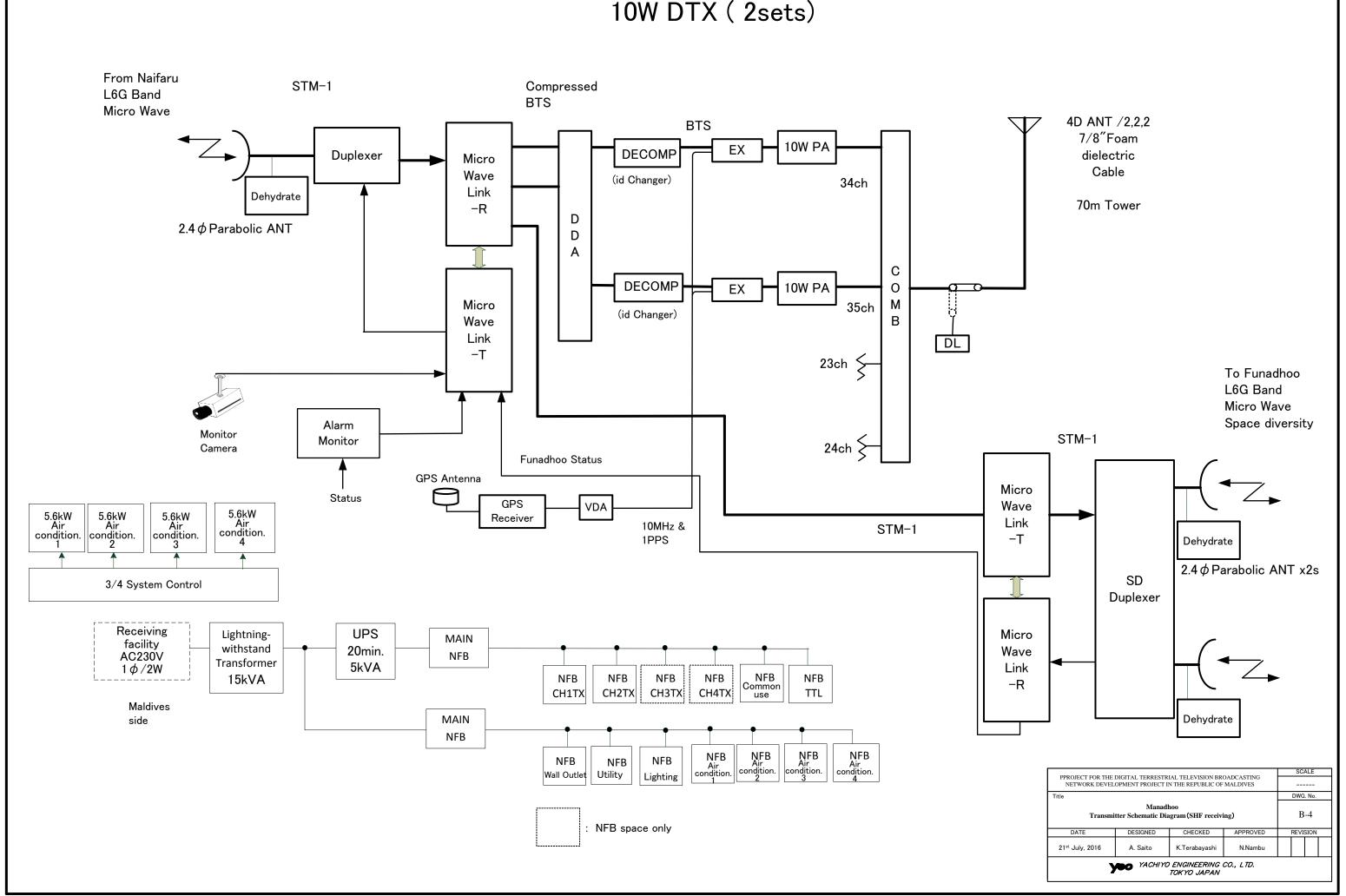
G-1

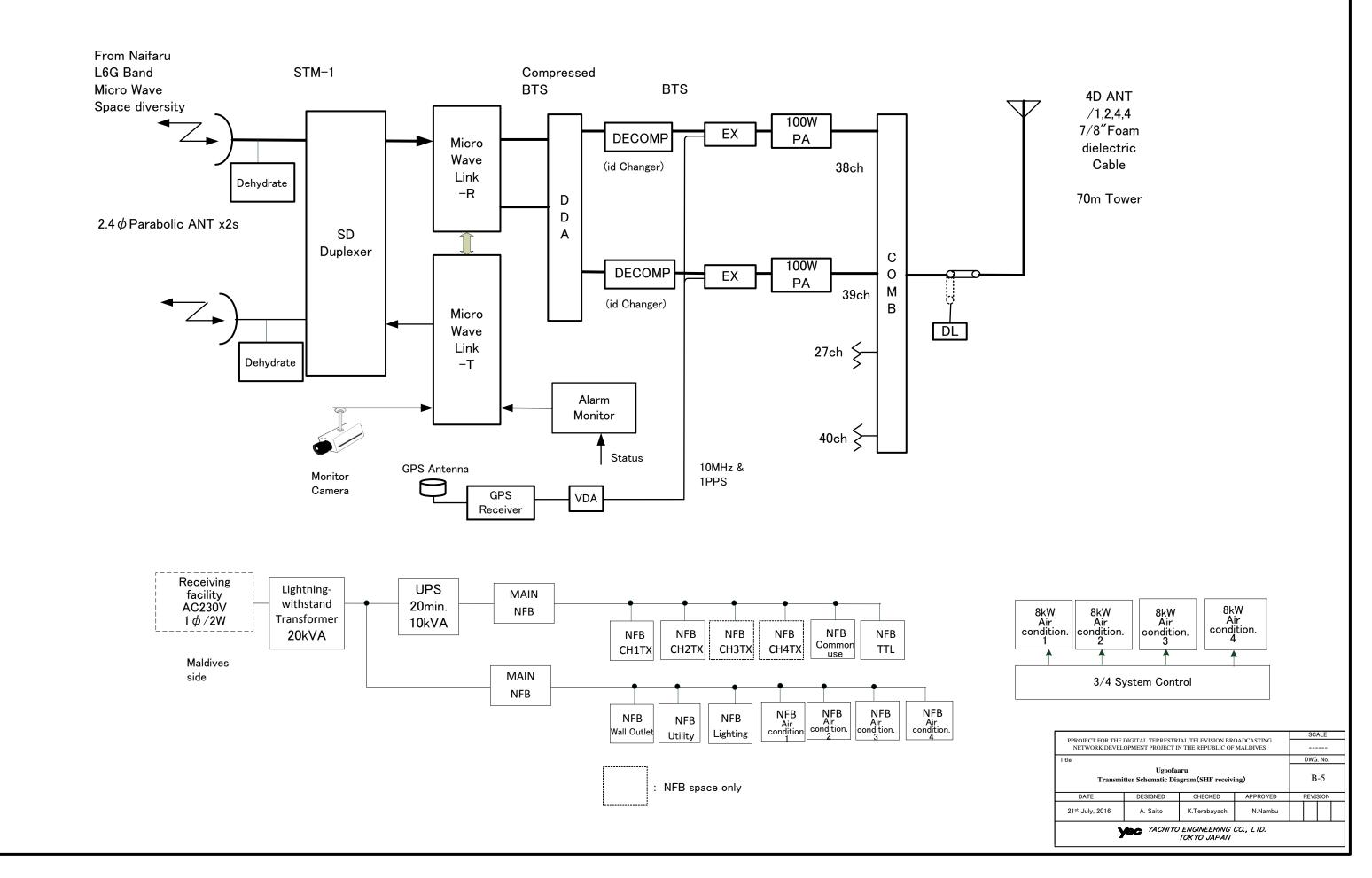


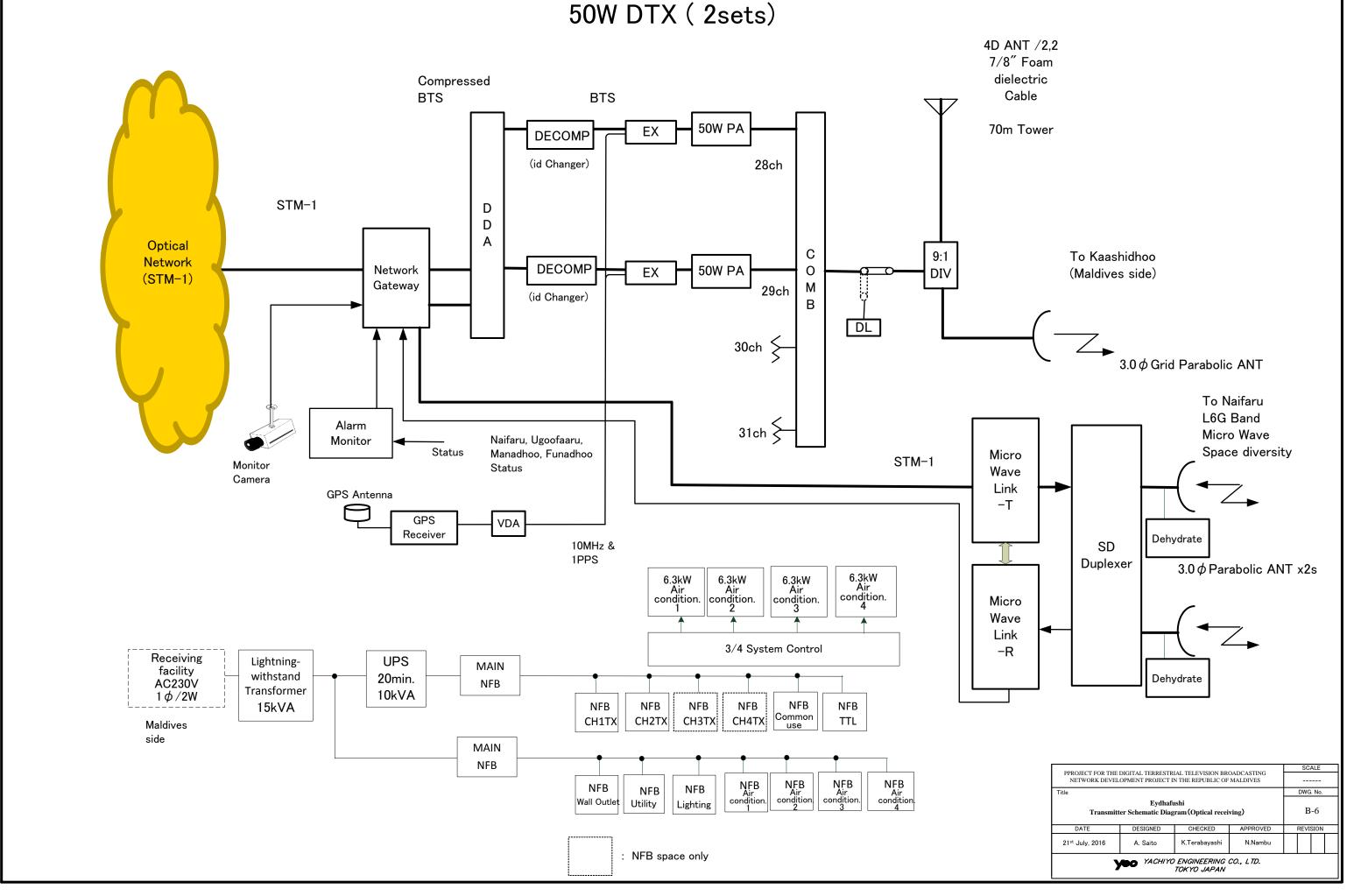


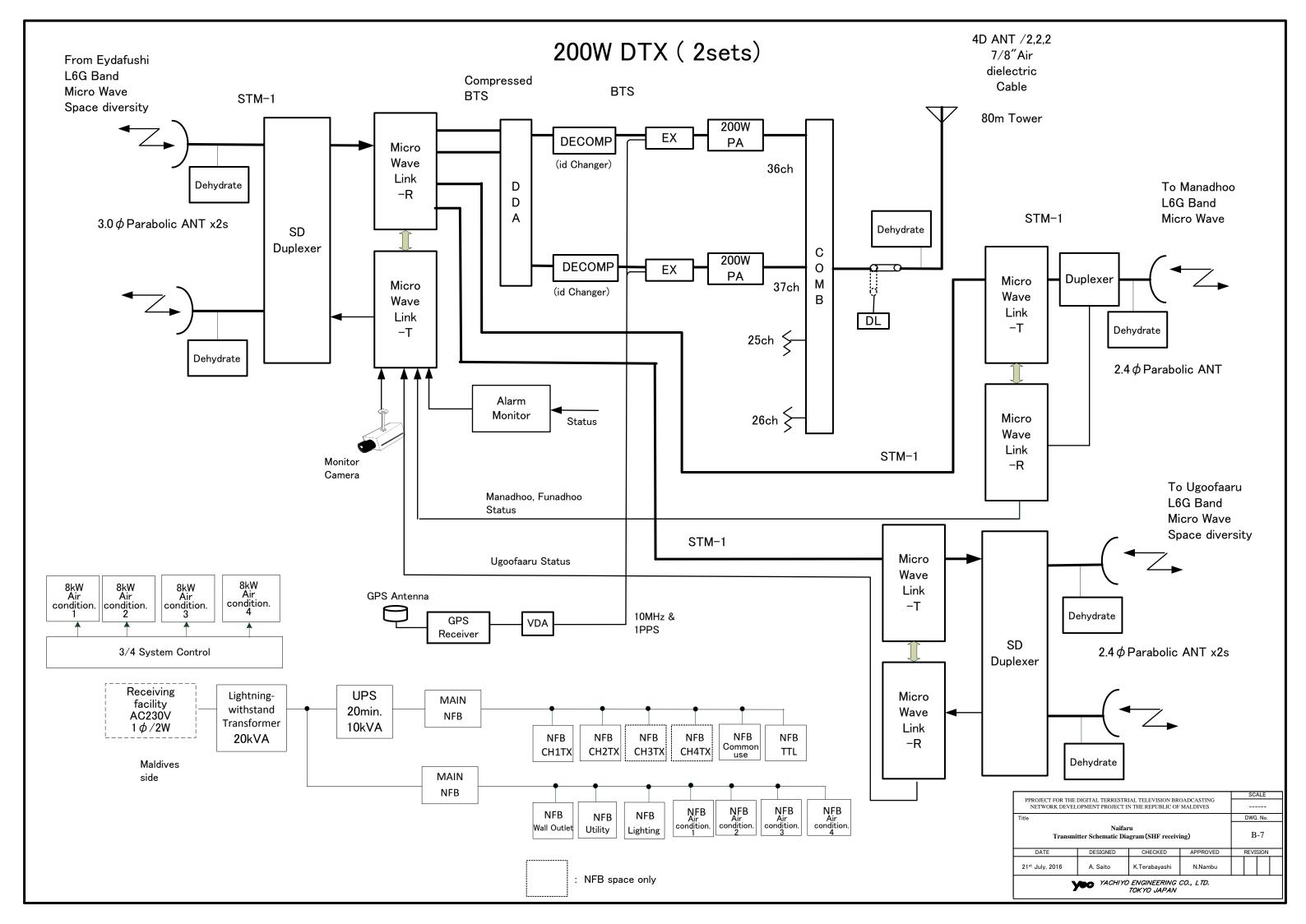


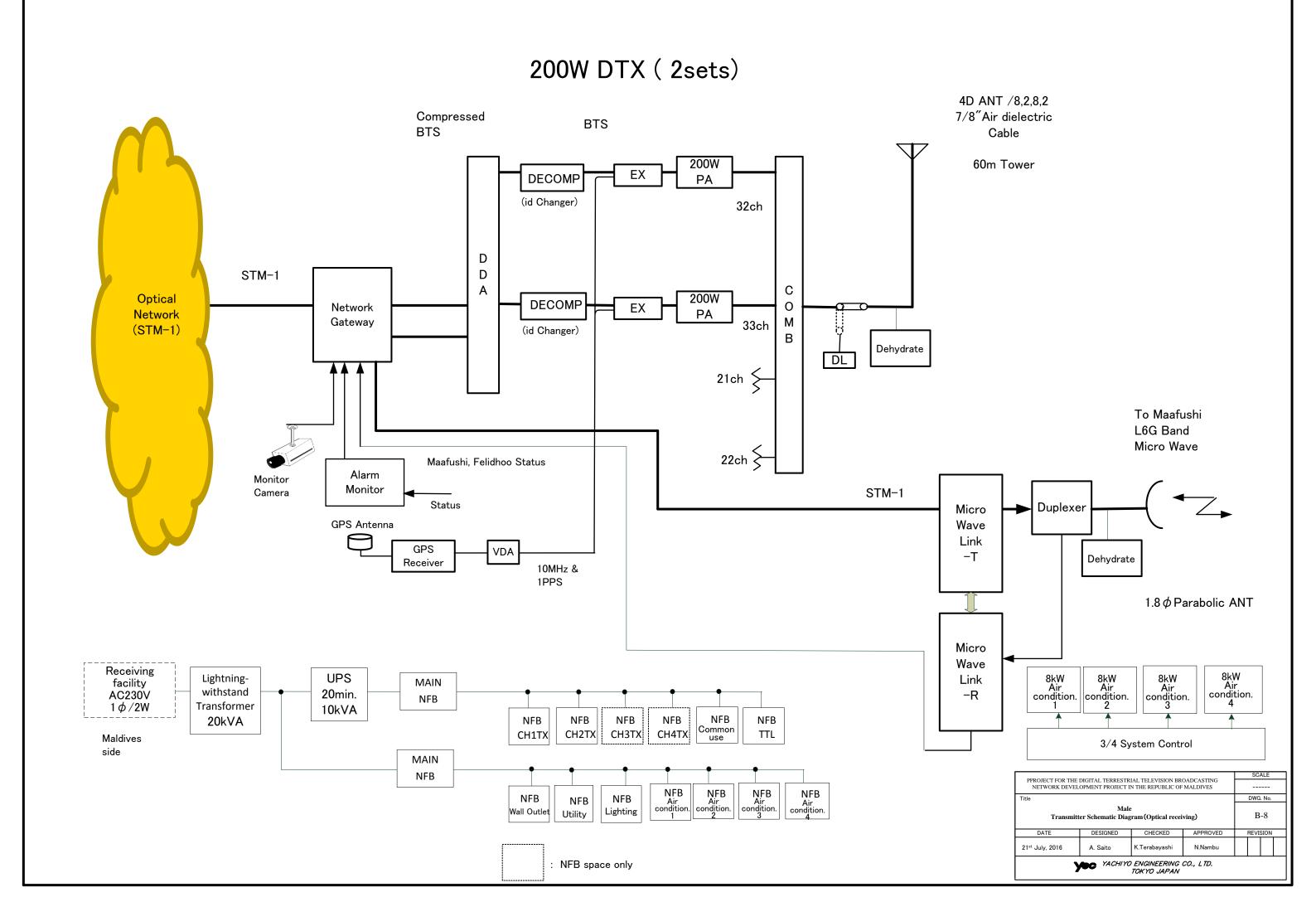


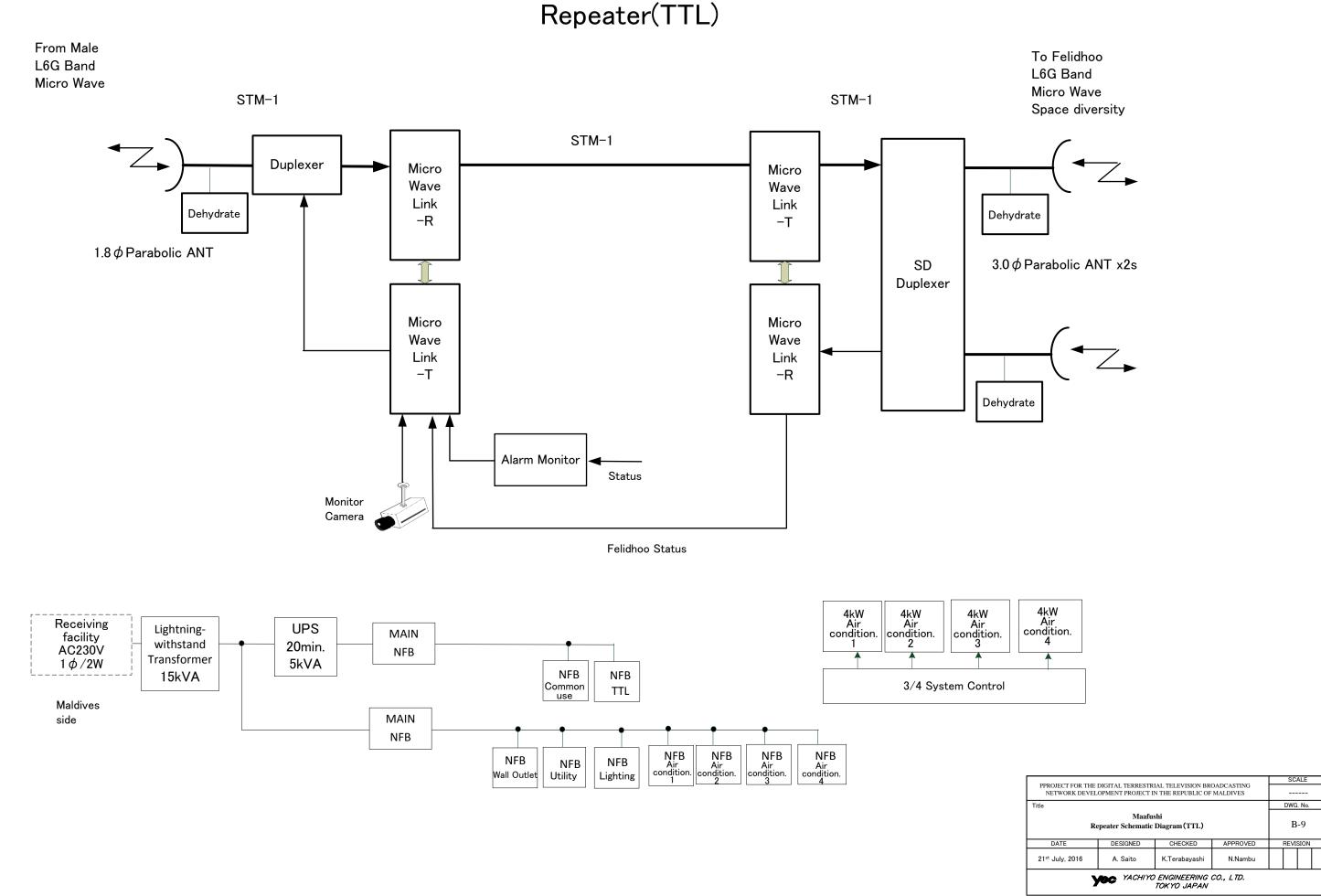


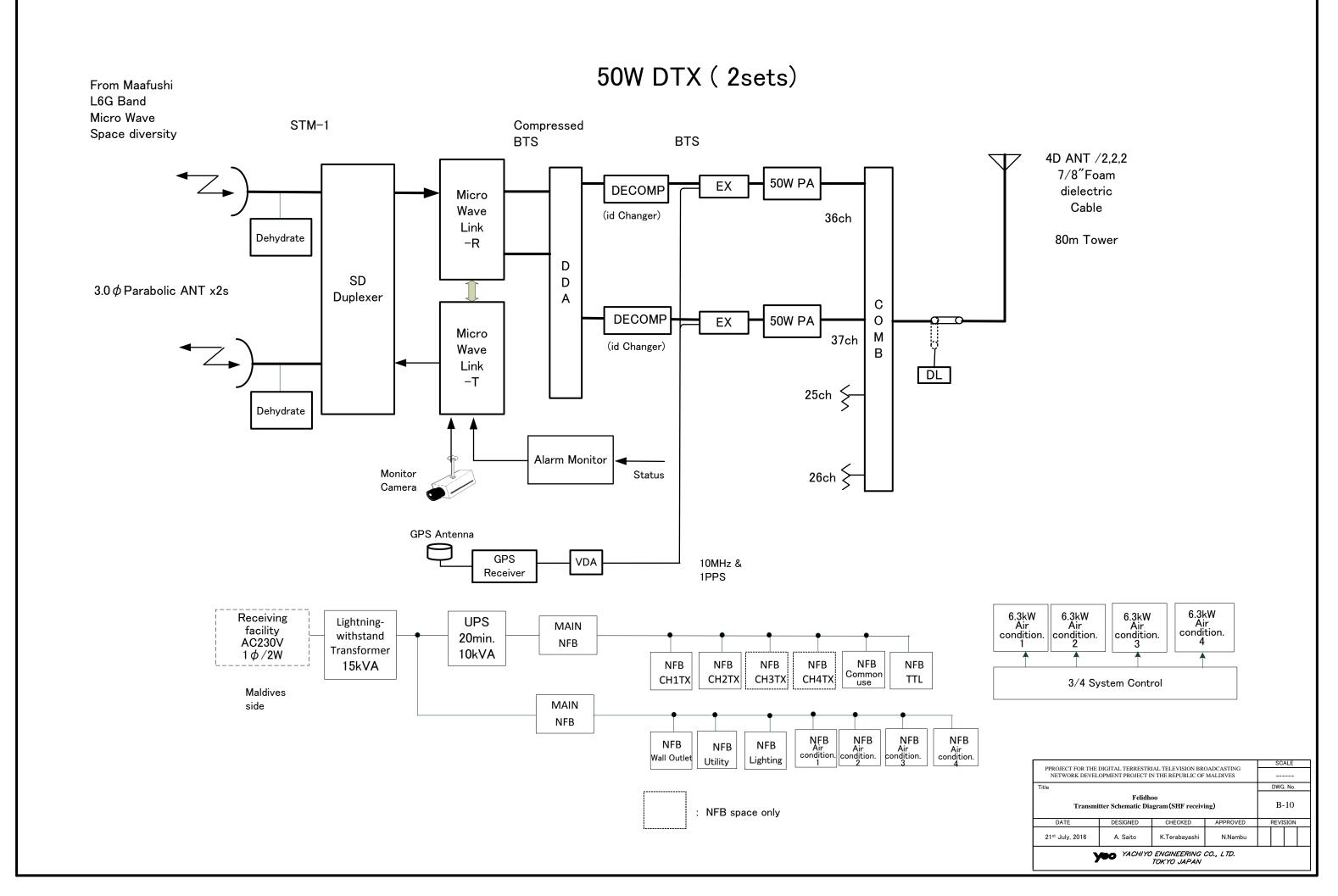


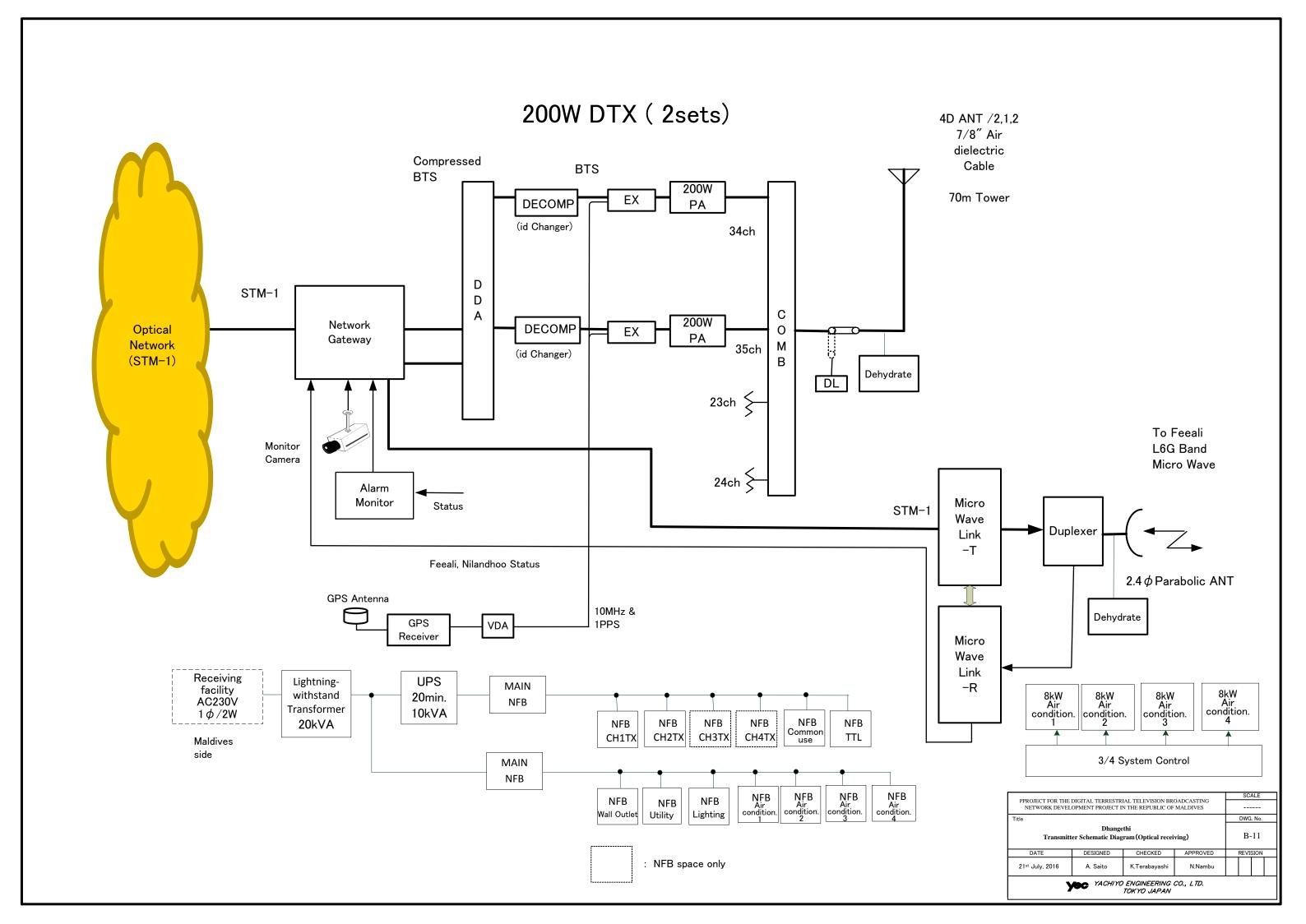


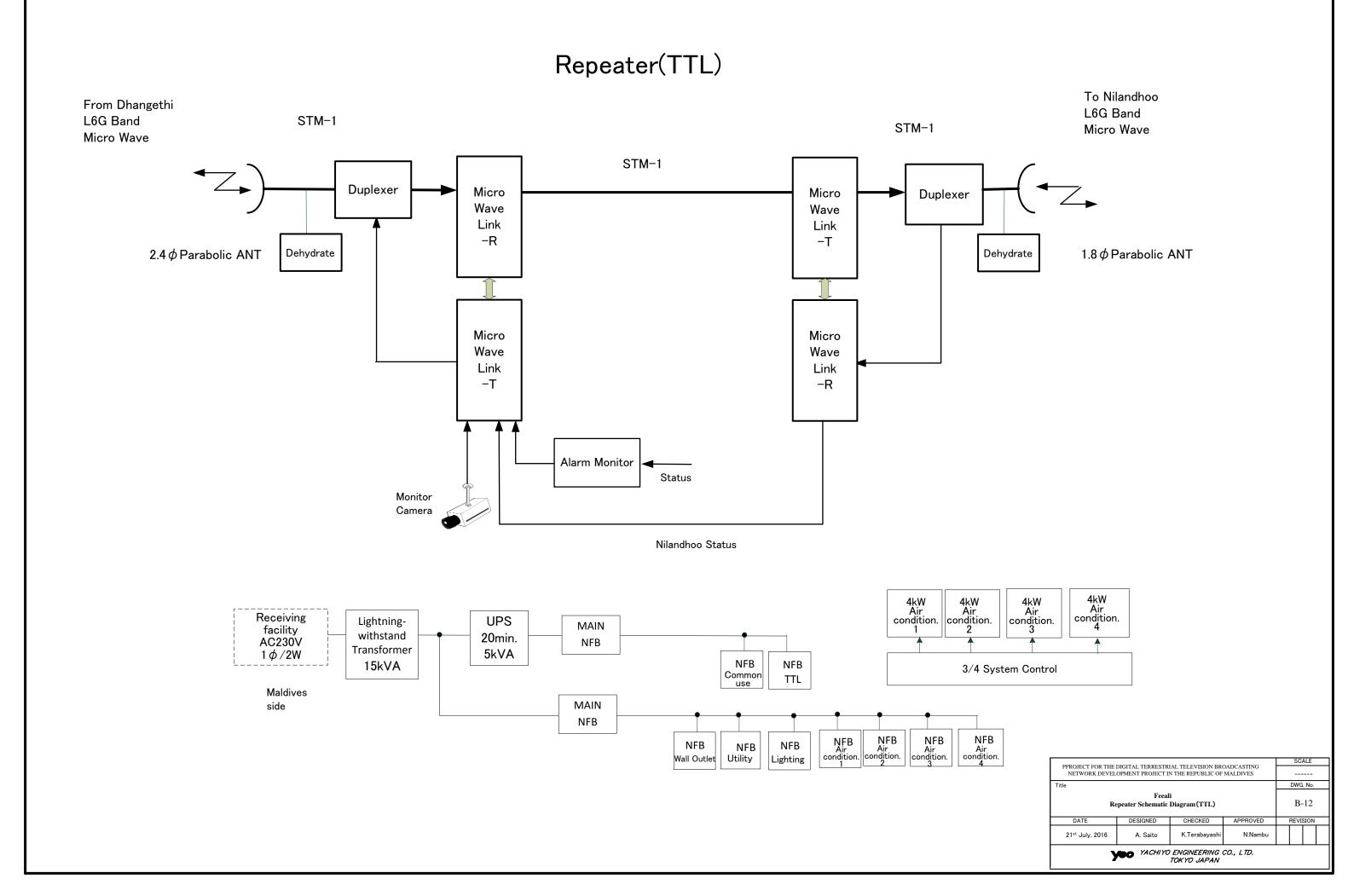


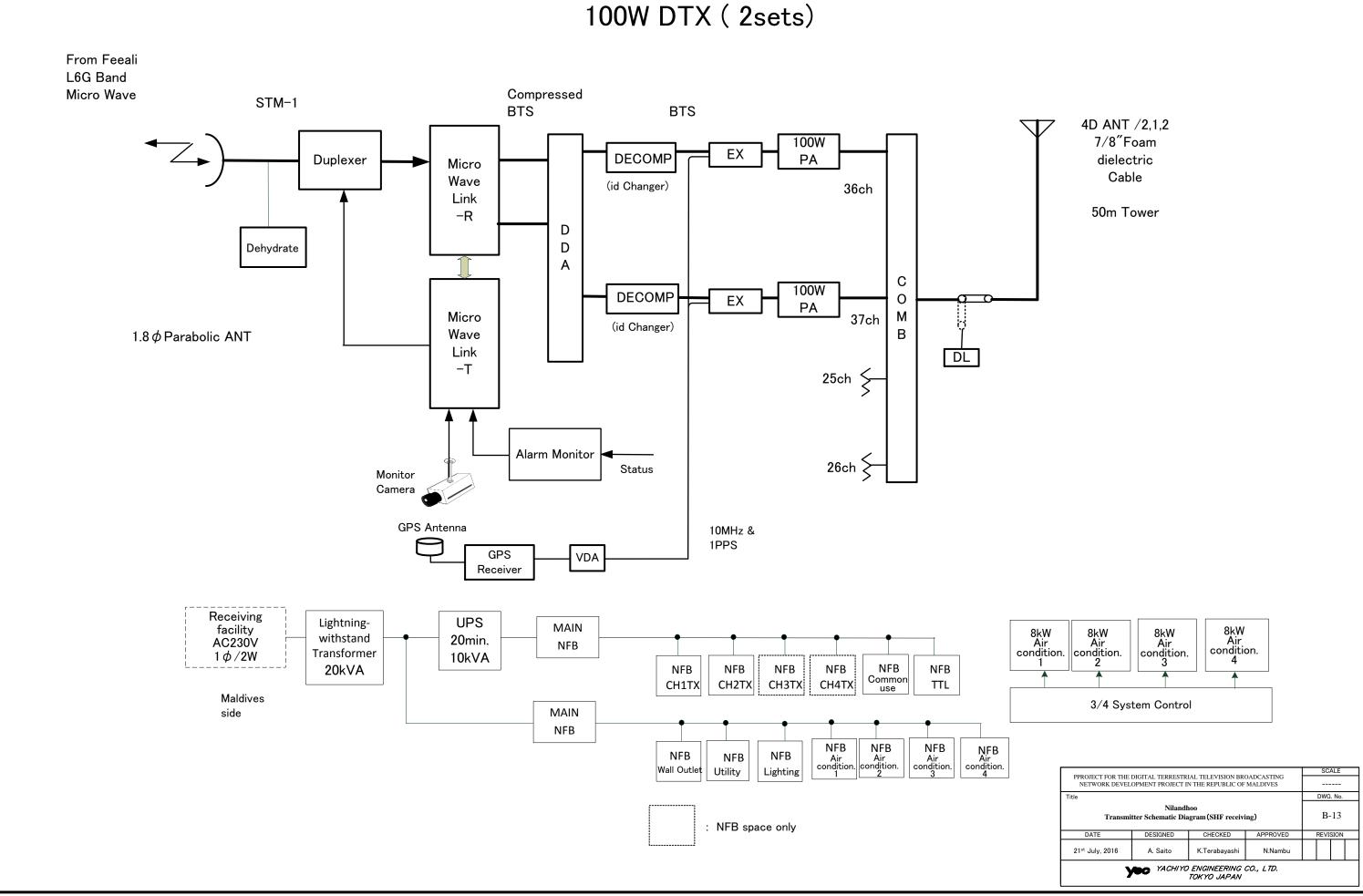


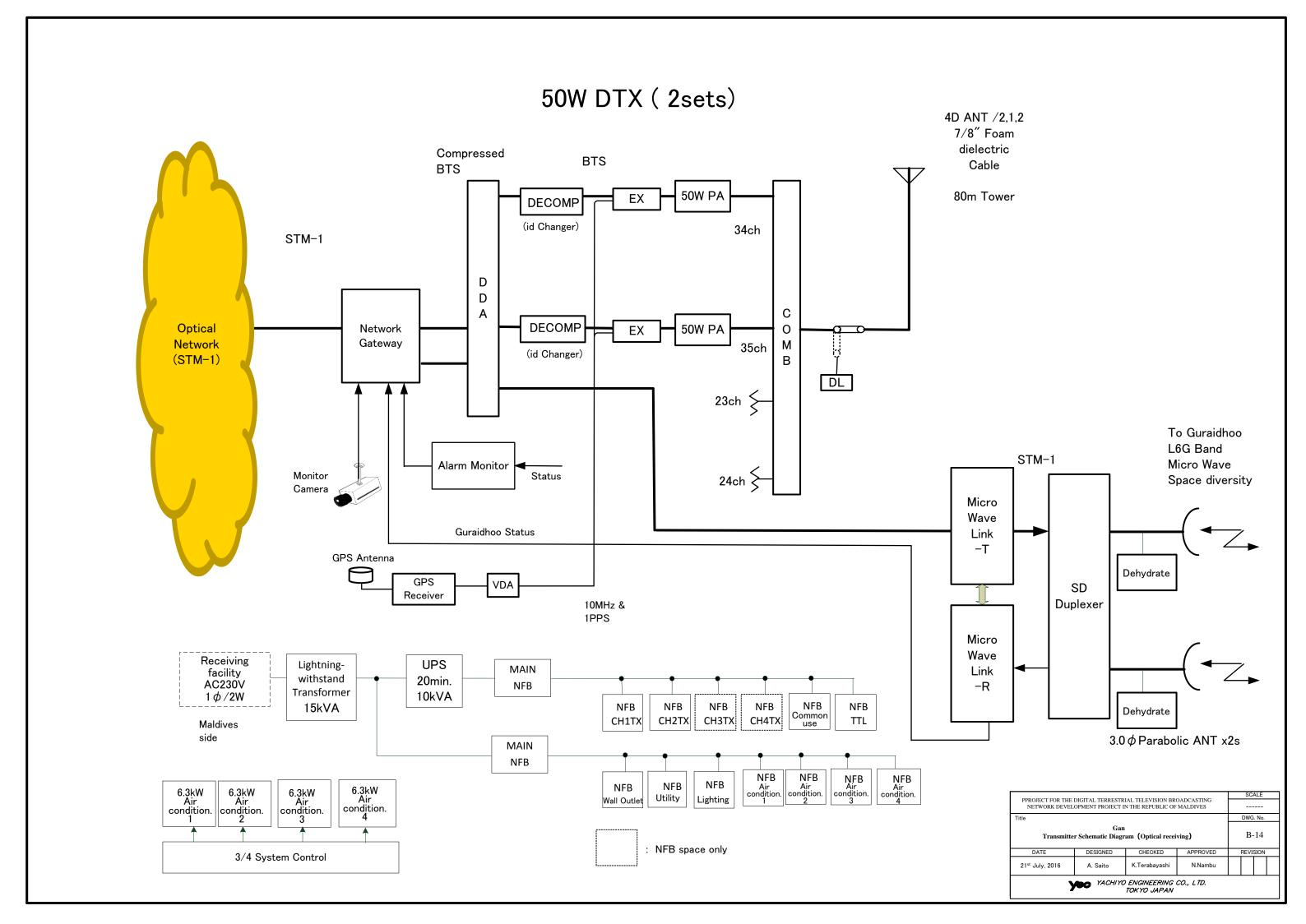


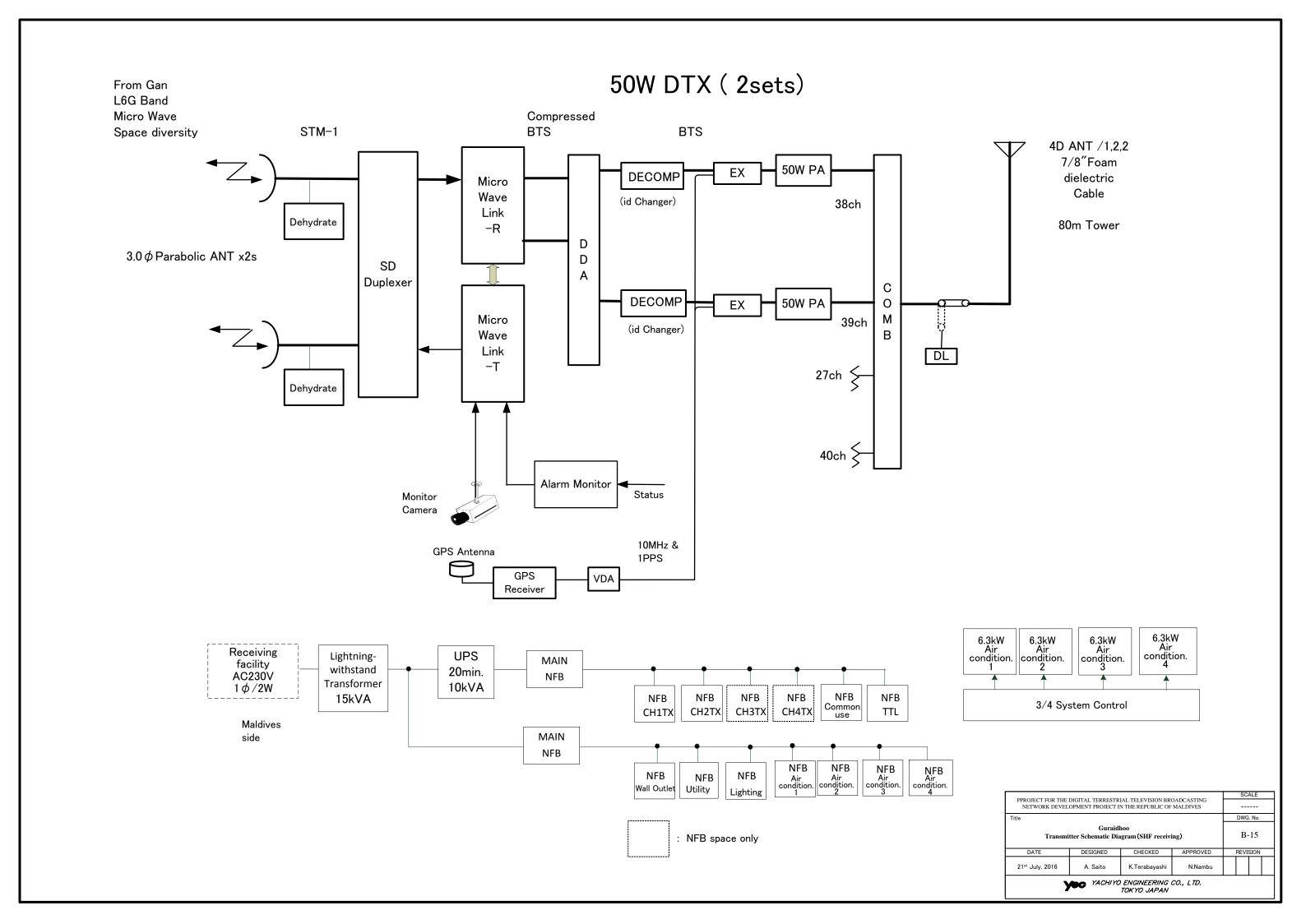


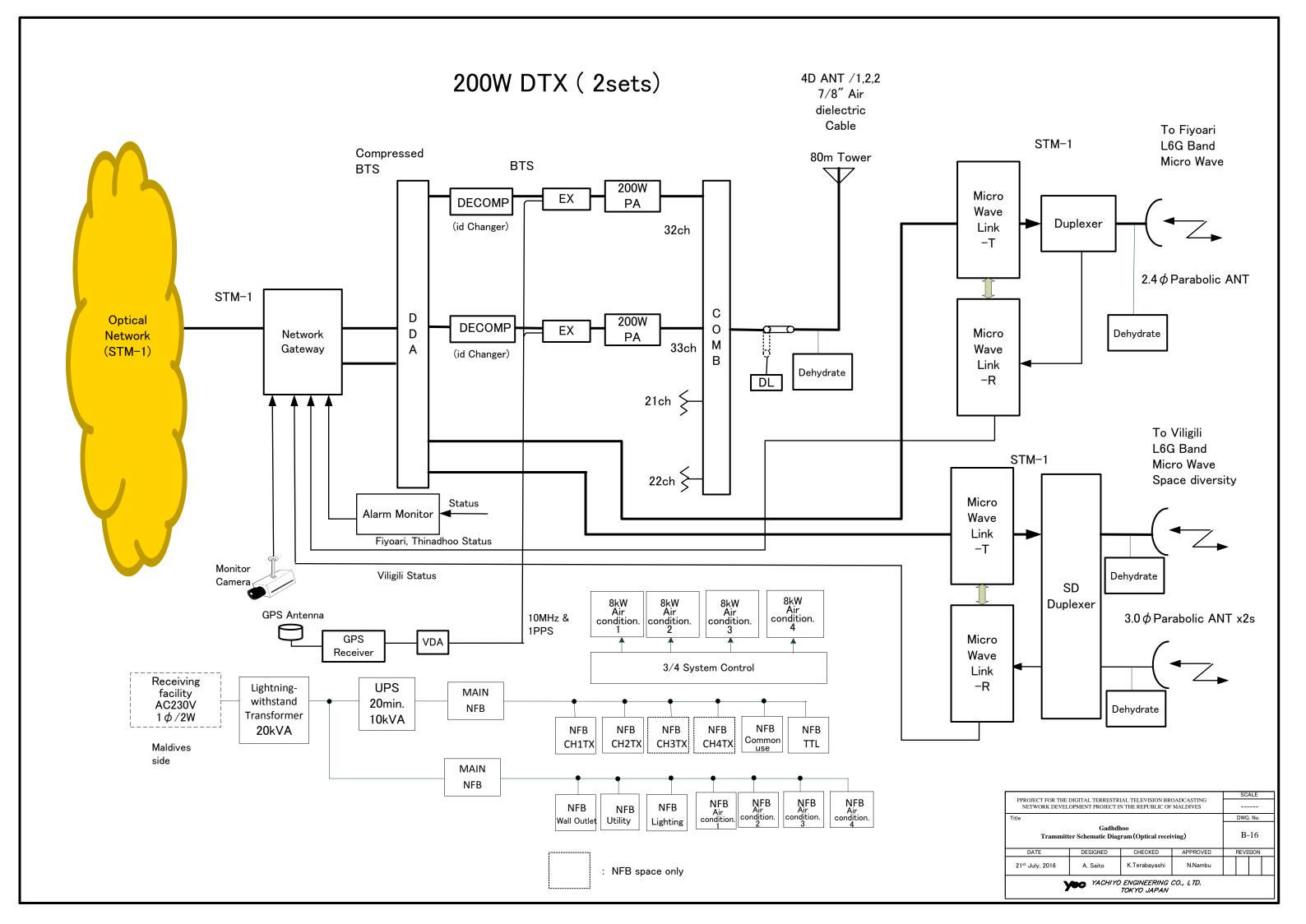




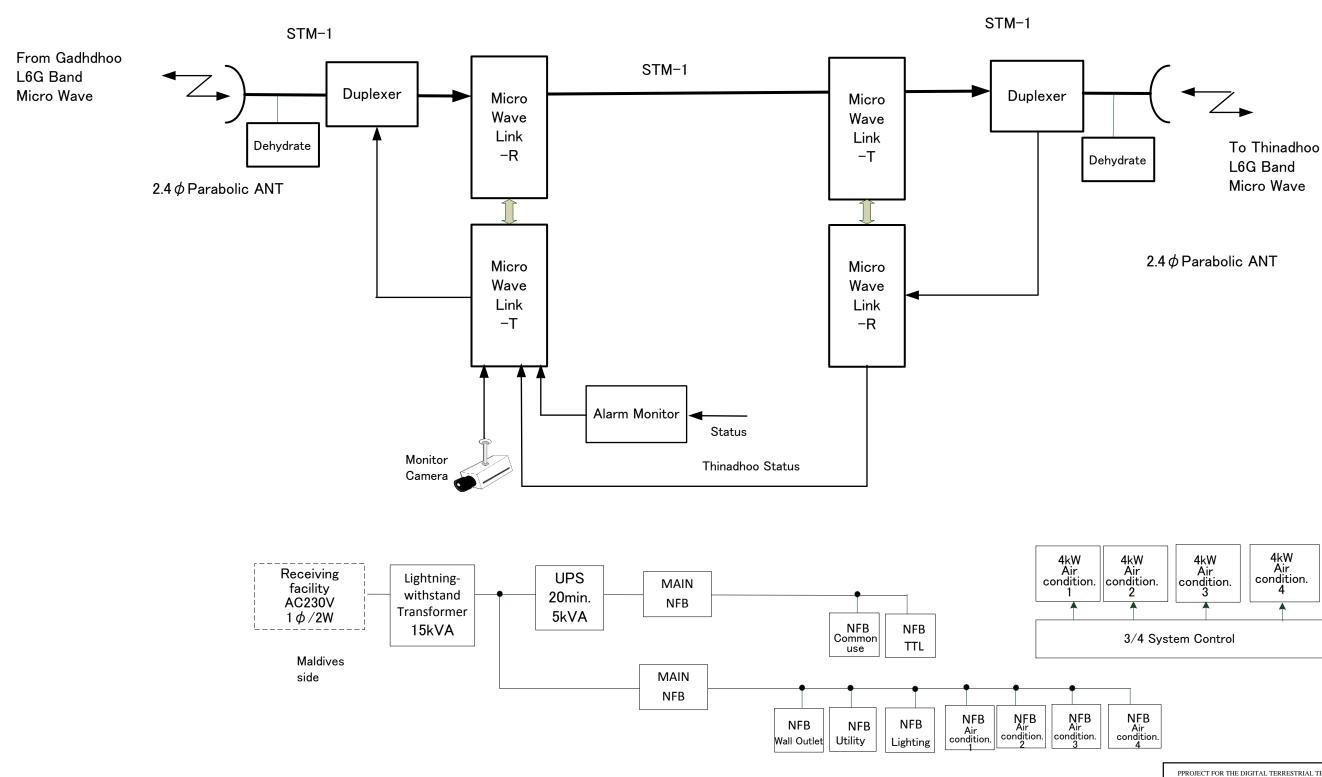






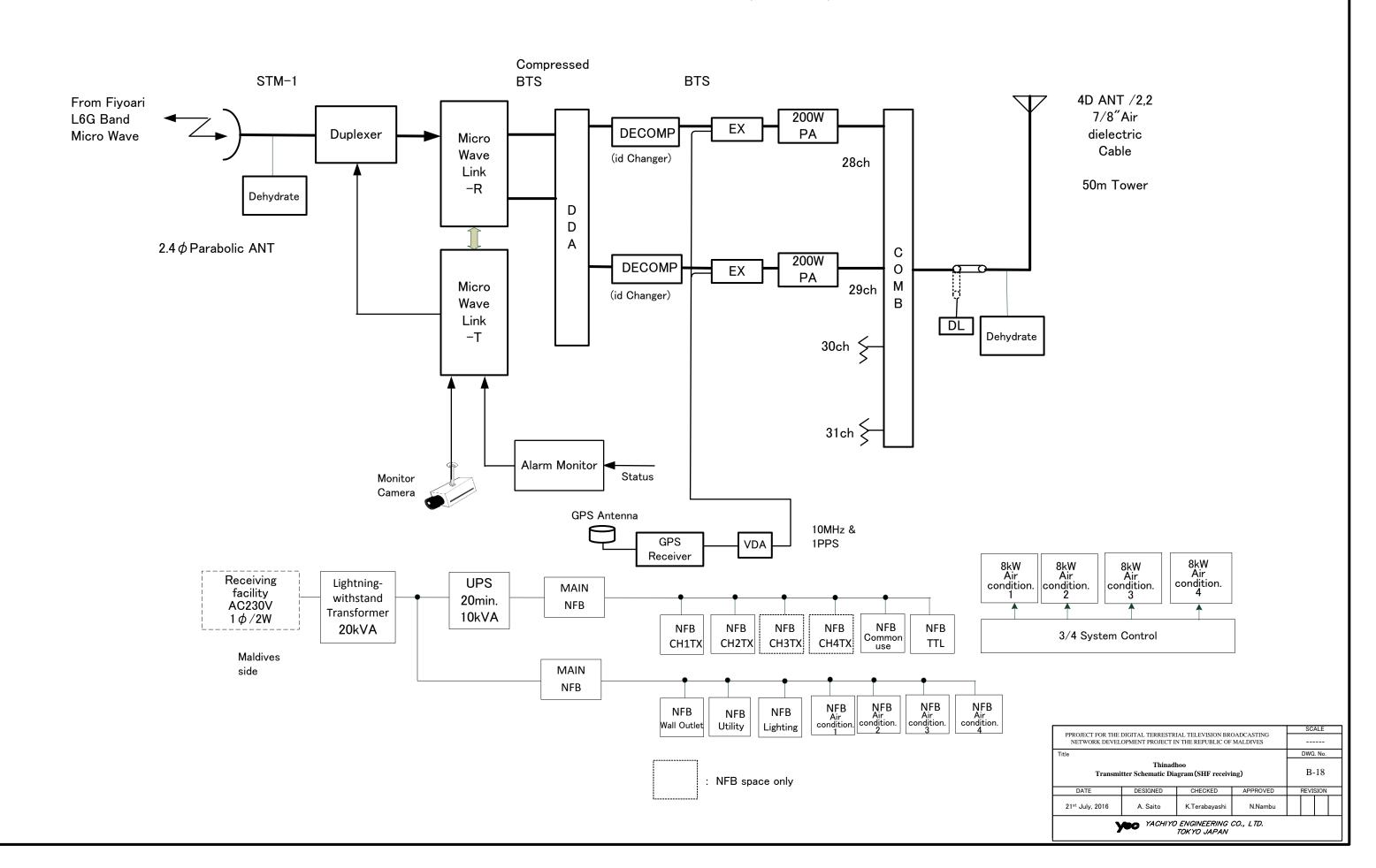


Repeater(TTL)



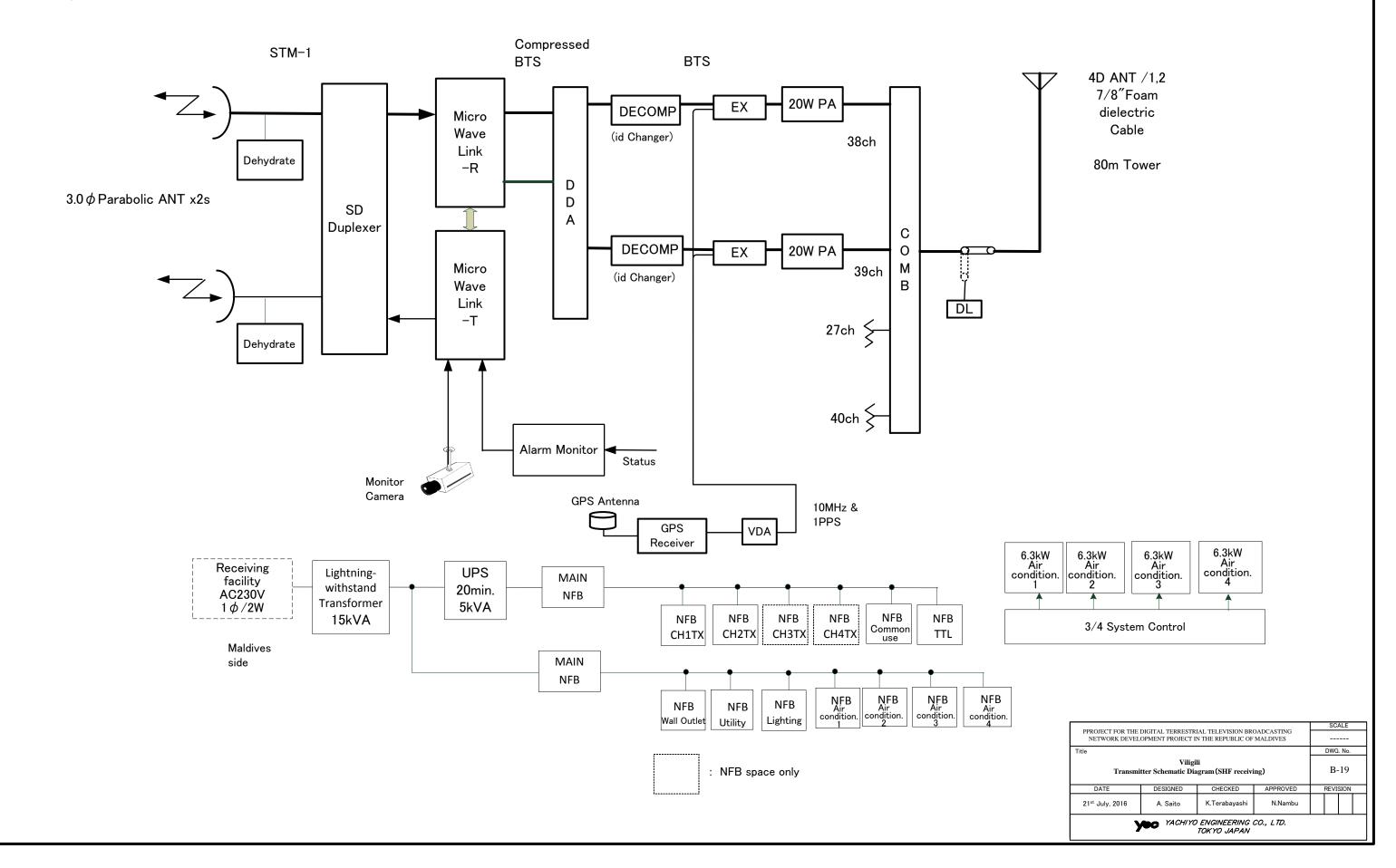
itle	DW	G. No.			
Fiyoari Repeater Schematic Diagram (TTL)					
DATE	DESIGNED	CHECKED	APPROVED	REV	ISION
21st July, 2016	A. Saito	K.Terabayashi	N.Nambu		

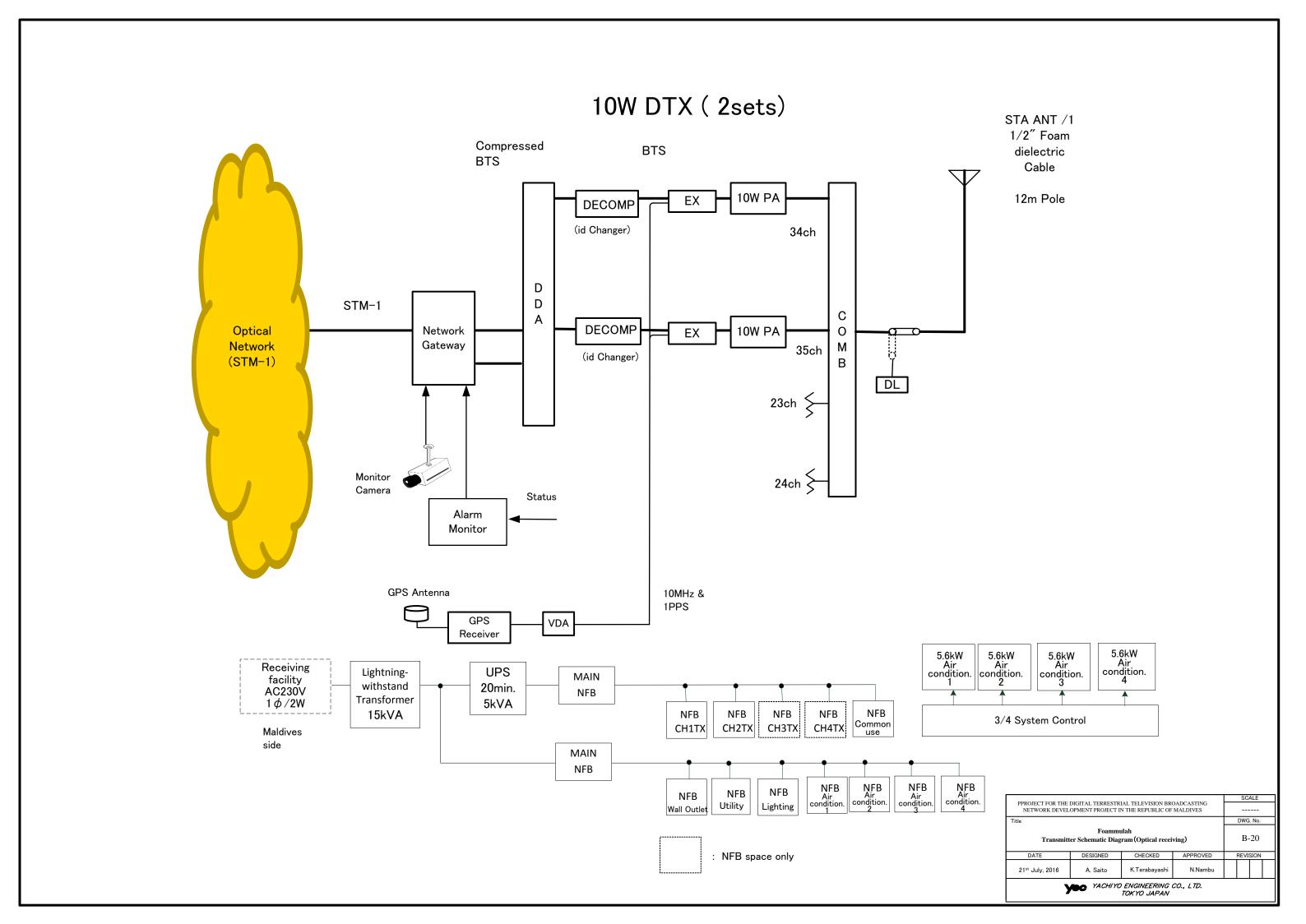
200W DTX (2sets)

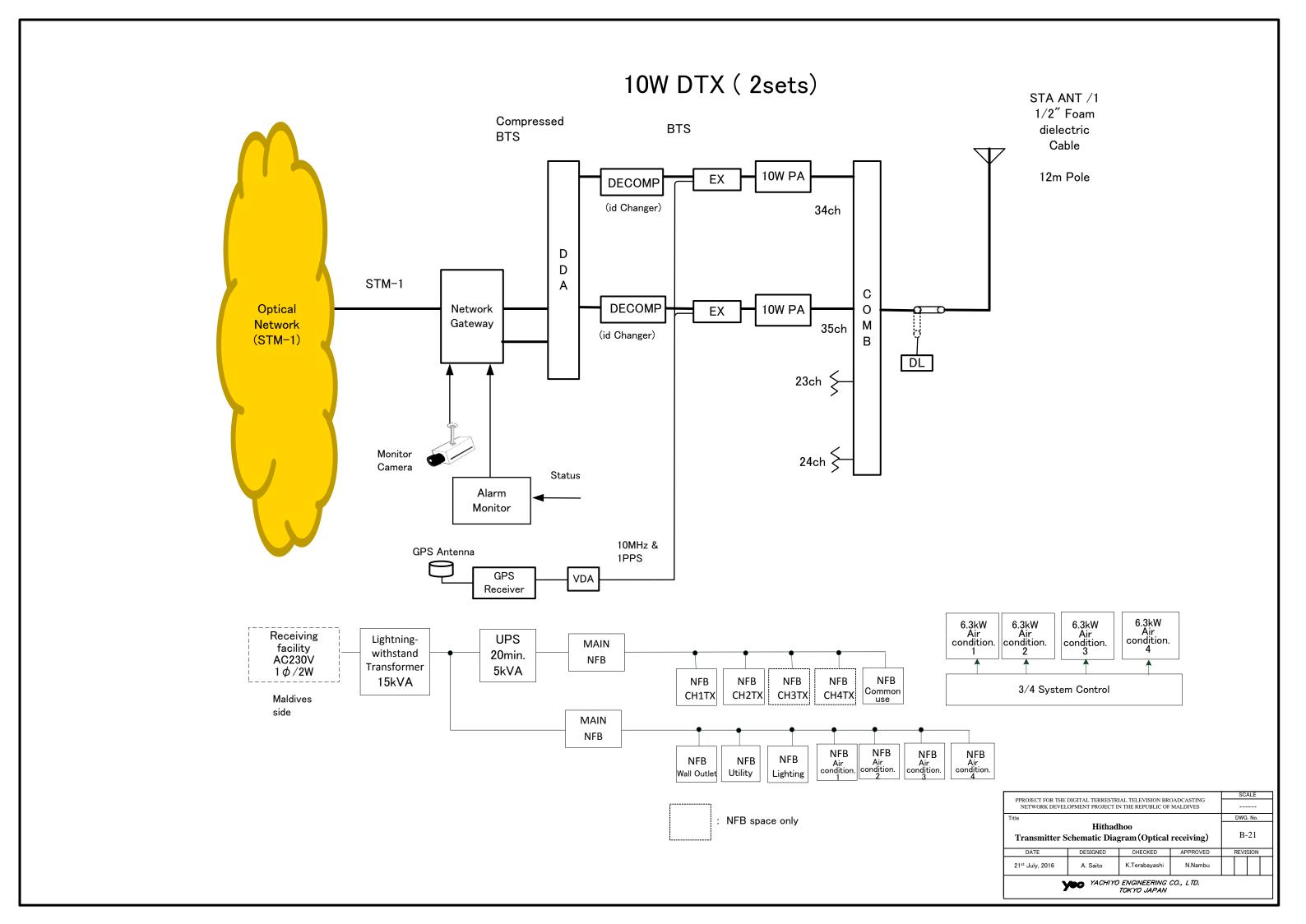


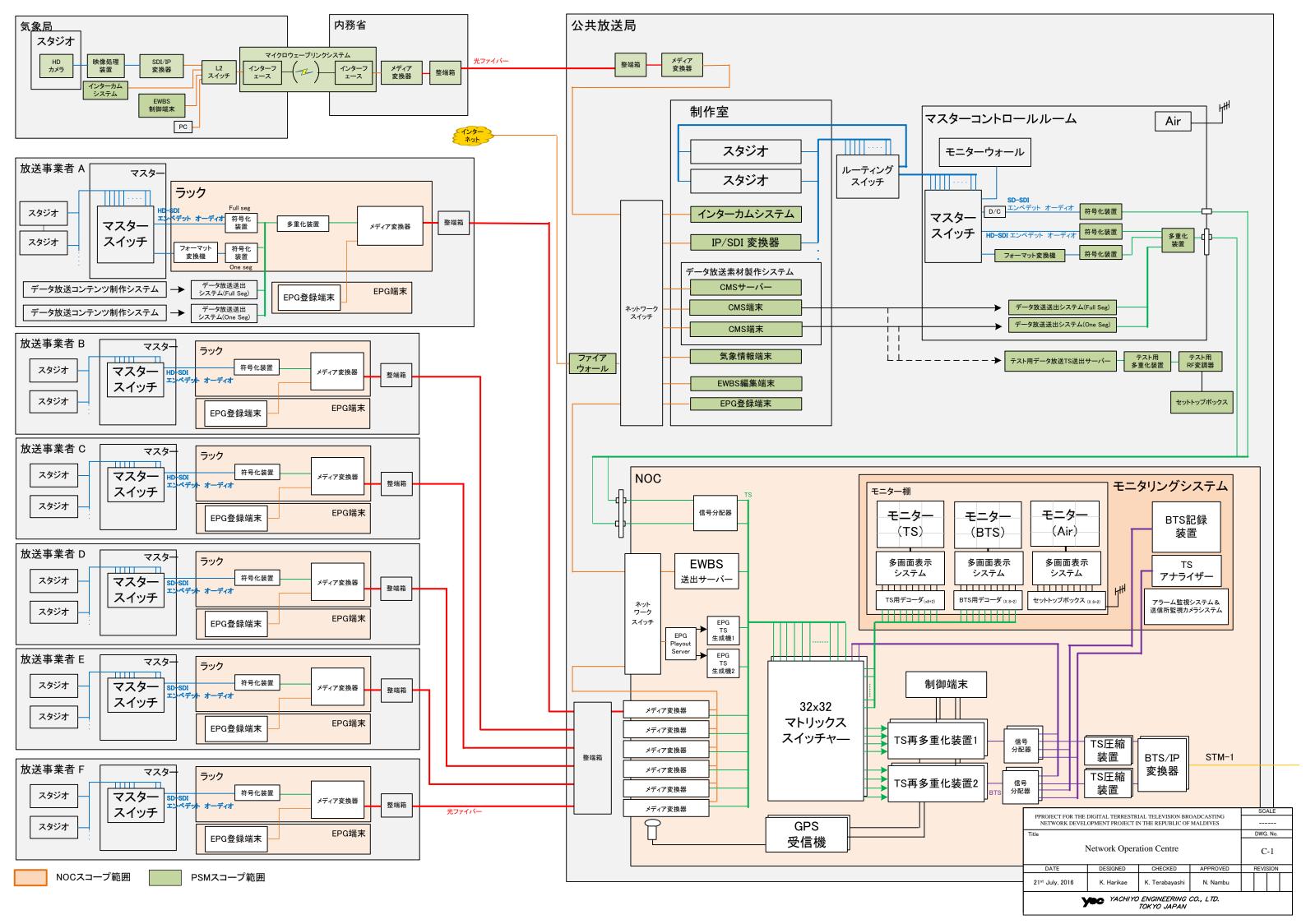
From Gan L6G Band Micro Wave Space diversity

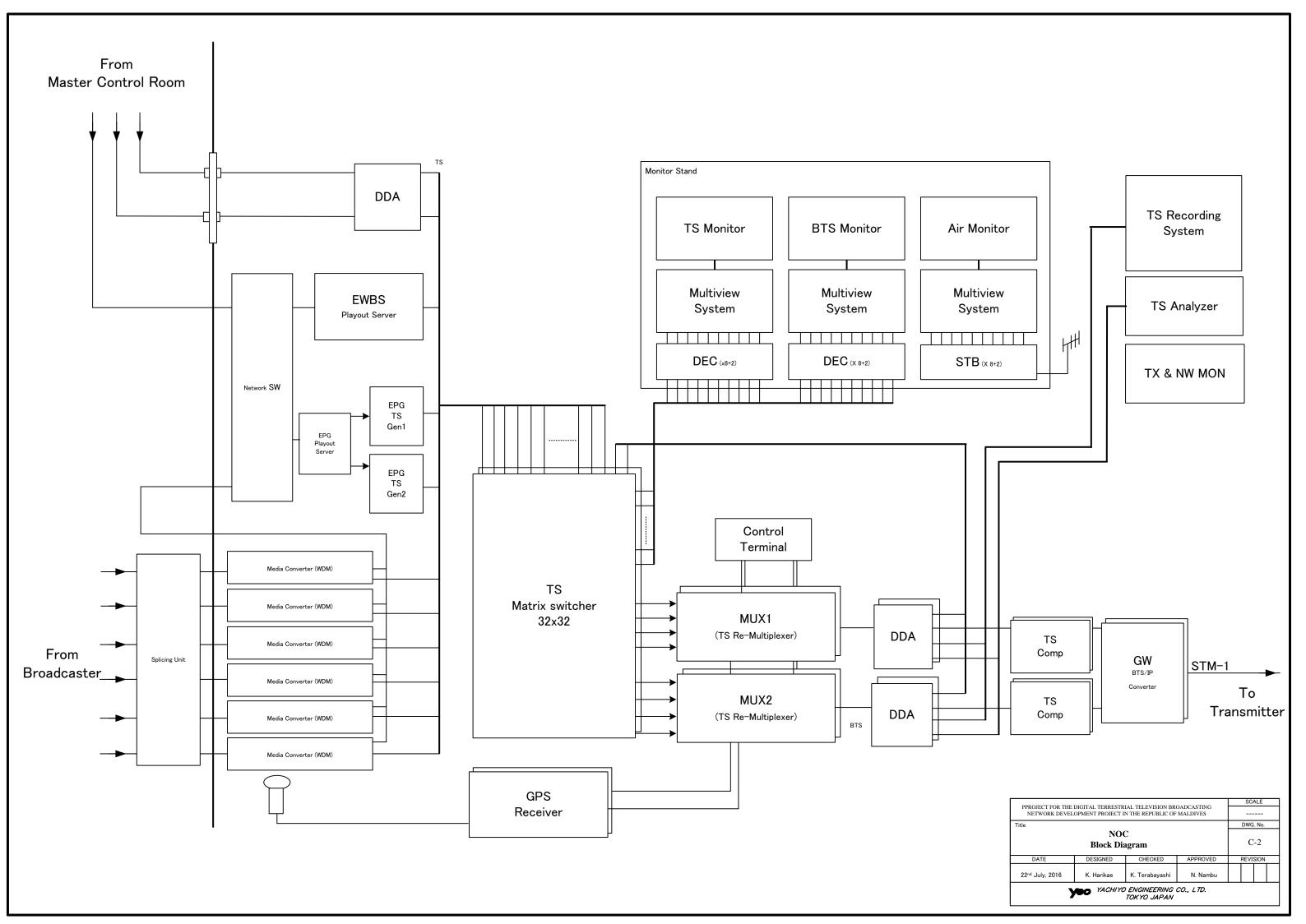
20W DTX (2sets)

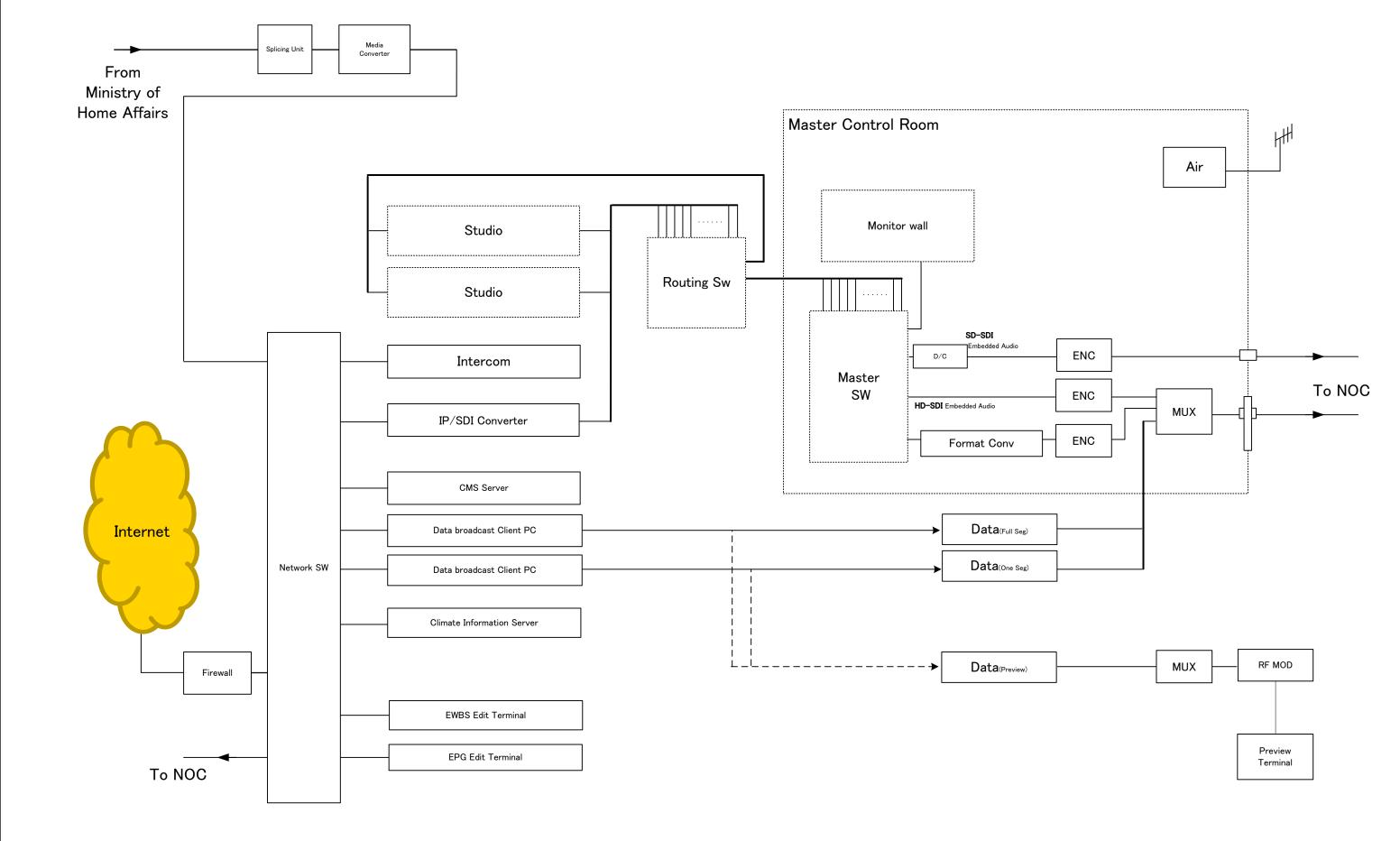




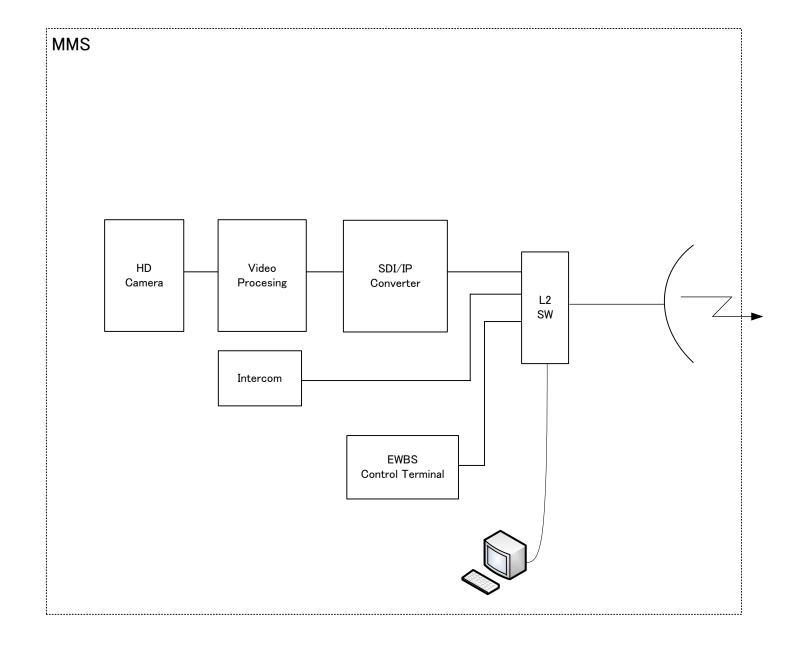


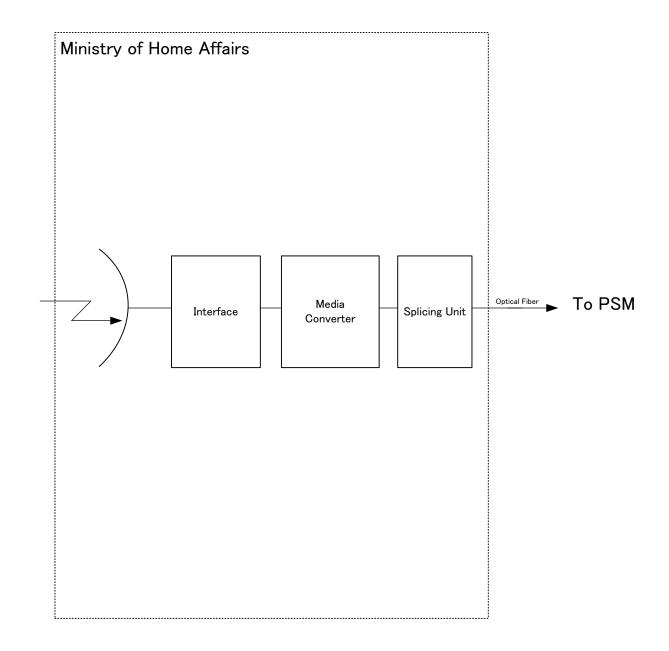




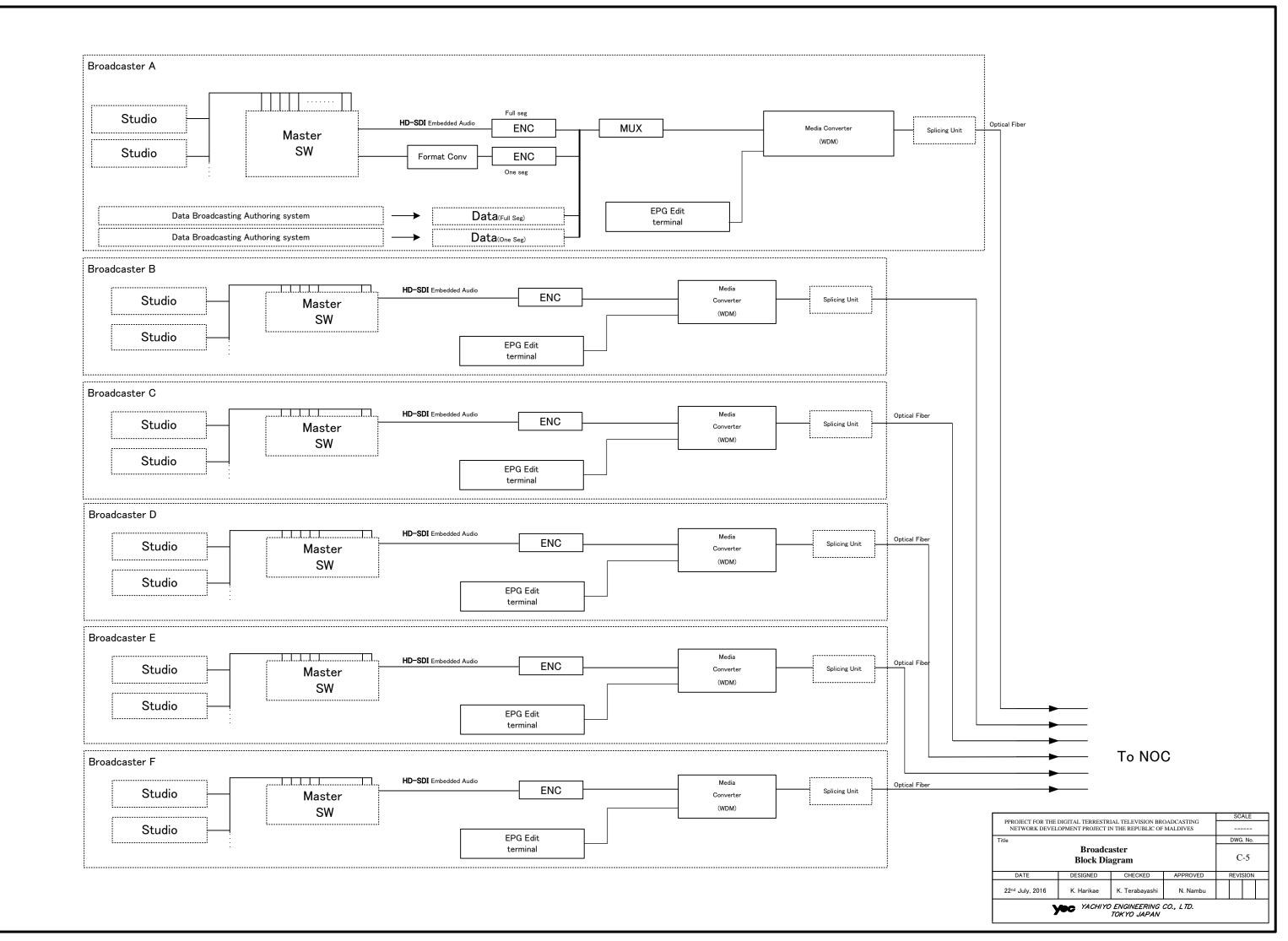


DDD OF COT FOR THE DIGITAL TERRESTRIAL TELEVISION DROAD CASTING						\LE	
PPROJECT FOR THE DIGITAL TERRESTRIAL TELEVISION BROADCASTING NETWORK DEVELOPMENT PROJECT IN THE REPUBLIC OF MALDIVES							
Title	Title					No.	
PSM Block Diagram					C	-3	
DATE	DESIGNED	CHECKED	APPROVED	R	EVIS	SION	
22 nd July, 2016 K. Harikae K. Terabayashi N. Nambu							
YACHIYO ENGINEERING CO., LTD. TOKYO JAPAN							





DDDOIECT EOD THE	SCA	\LE			
PPROJECT FOR THE DIGITAL TERRESTRIAL TELEVISION BROADCASTING NETWORK DEVELOPMENT PROJECT IN THE REPUBLIC OF MALDIVES					
Title				DWG.	No.
MMS & MoHA Block Diagram					-4
DATE	DESIGNED	CHECKED	APPROVED	REVIS	SION
22 nd July, 2016 K. Harikae K. Terabayashi N. Nambu					
YACHIYO ENGINEERING CO., LTD. TOKYO JAPAN					

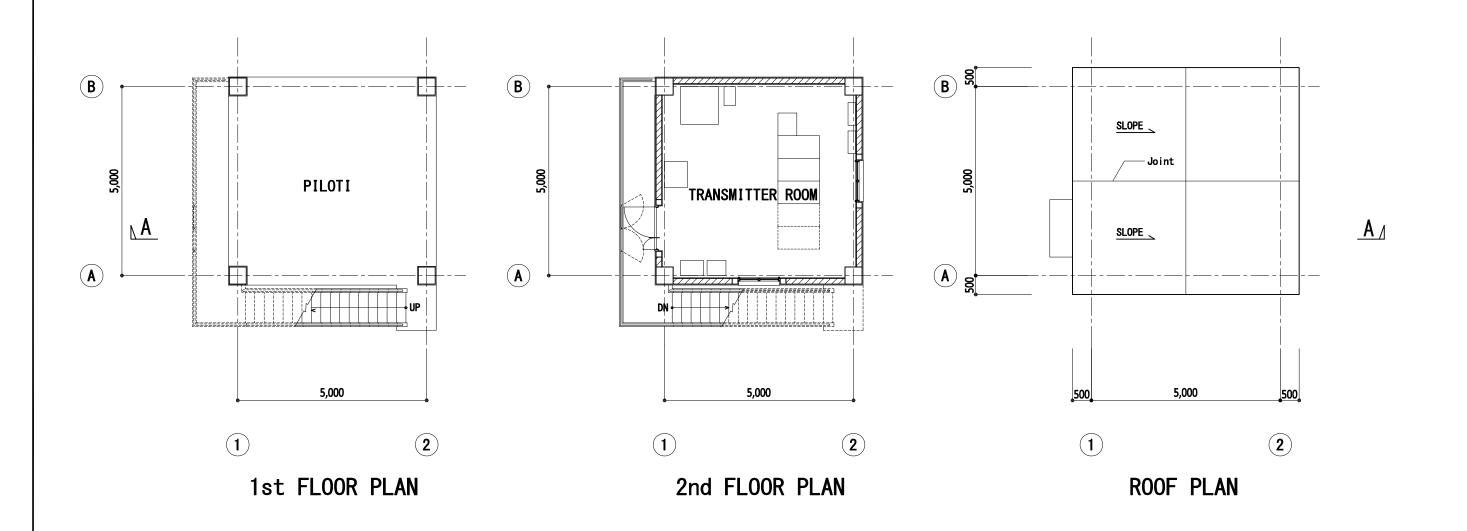


EXTERIOR FINISHING SCHEDULE

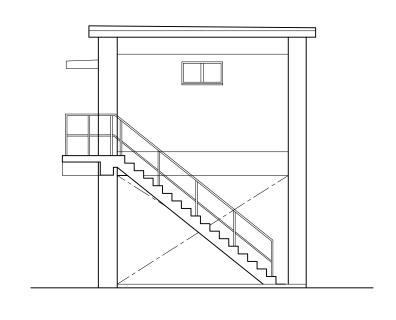
LOCATION	
R00F	WATERPROOF COATING ON CONCRETE ROOF SLAB PROTECTION CONCRETE 80-130mm SLOPE
WALL	PAINT(A.E.P) on MORTAL STEEL TROWEL on CONCRETE BLOCK t=150mm
COLUMN BEAM	PAINT (A. E. P) on MORTAR STEEL TROWEL
FITTING	STEEL DOOR, ALUMINUM WINDOW

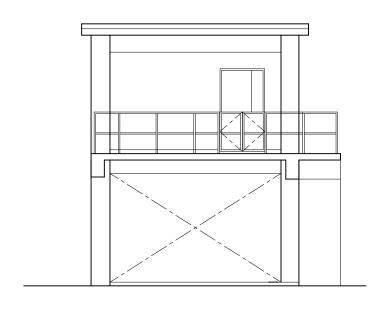
EXTERIOR FINISHING SCHEDULE

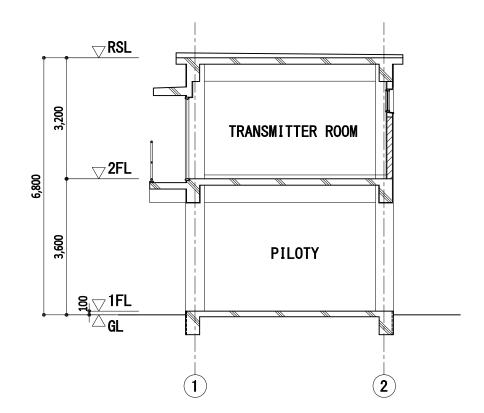
	PILOTYI		TRANSMITTER ROOM
FL00R	CONCRETE STEEL TROWEL FINISH	FL00R	DUSTPROOF COATING ON CONCRETE SLAB
BASEBOARD		BASEBOARD	MORTAL STEEL TROWEL H=100mm
WALL		WALL	PAINT (E. P) on MORTAL STEEL TROWEL
CEILING	PAINT (A. E. P) on EXPOSED CONCRETE SLAB	CEILING	PAINT (E. P) on EXPOSED CONCRETE SLAB
COLUMN BEAM	PAINT (A. E. P) on MORTAR STEEL TROWEL	REMARKS	AIR-CONDITONING, LIGHTING FIXTURE, OUTLET SOCKET



PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG N	<u>√o.</u>
		TRANSMITTER BUILDING	S=1/100					AA-01	L
		PLAN	3-17 100	yec ·	ACHIYO ENGINI	EERING CO., LTI	D.	REV.	0



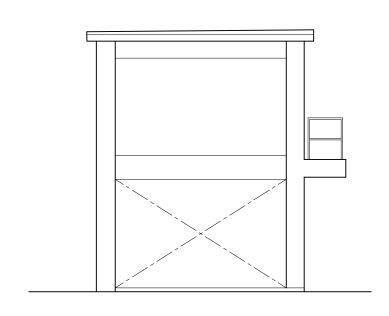


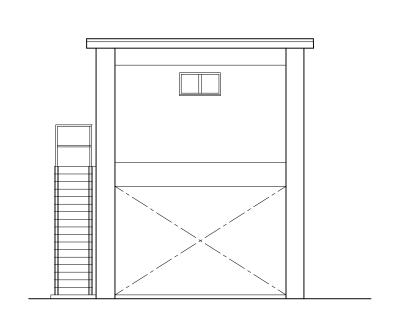


A LINE ELEVATION

1 LINE ELEVATION

A - A SECTION

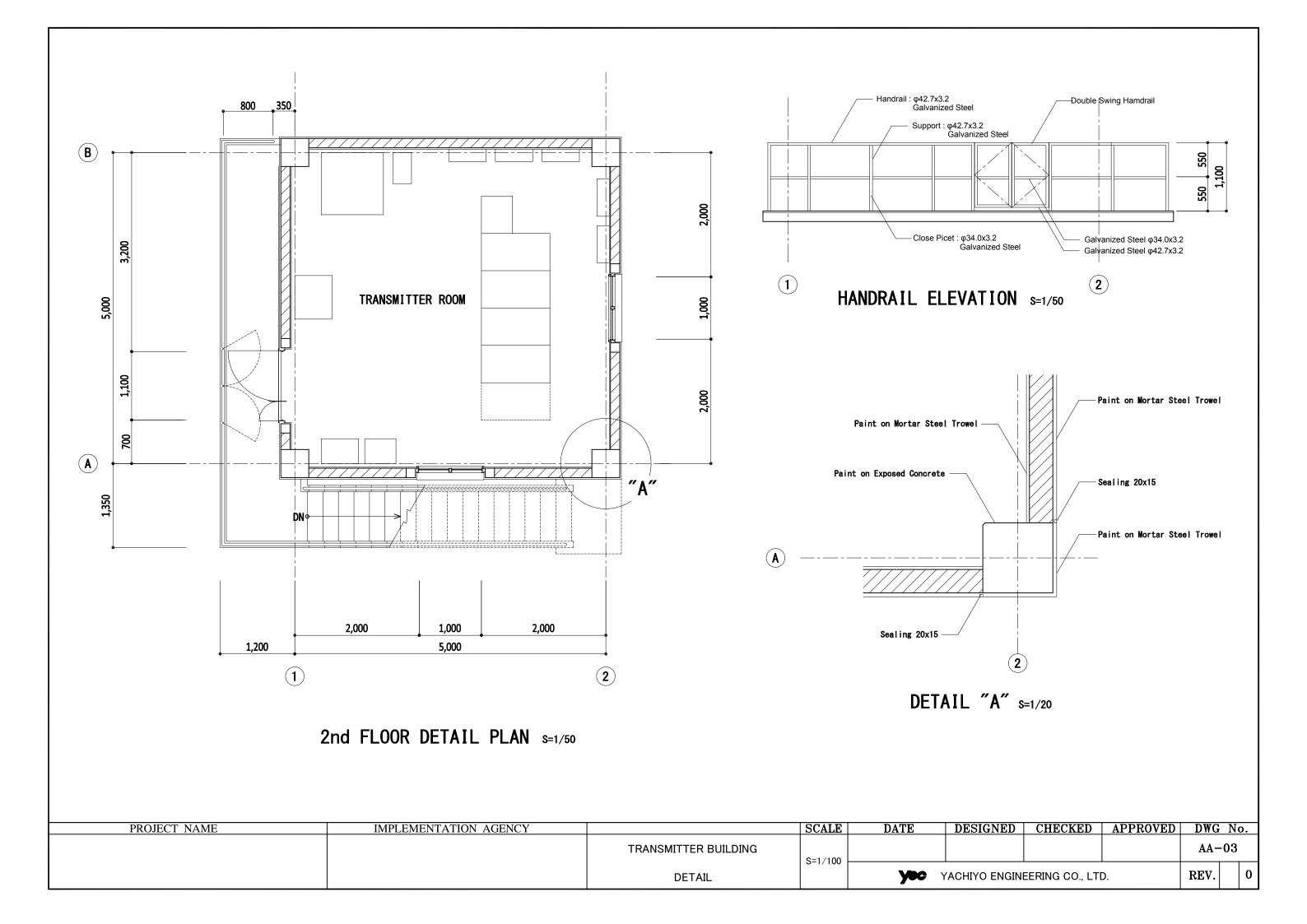


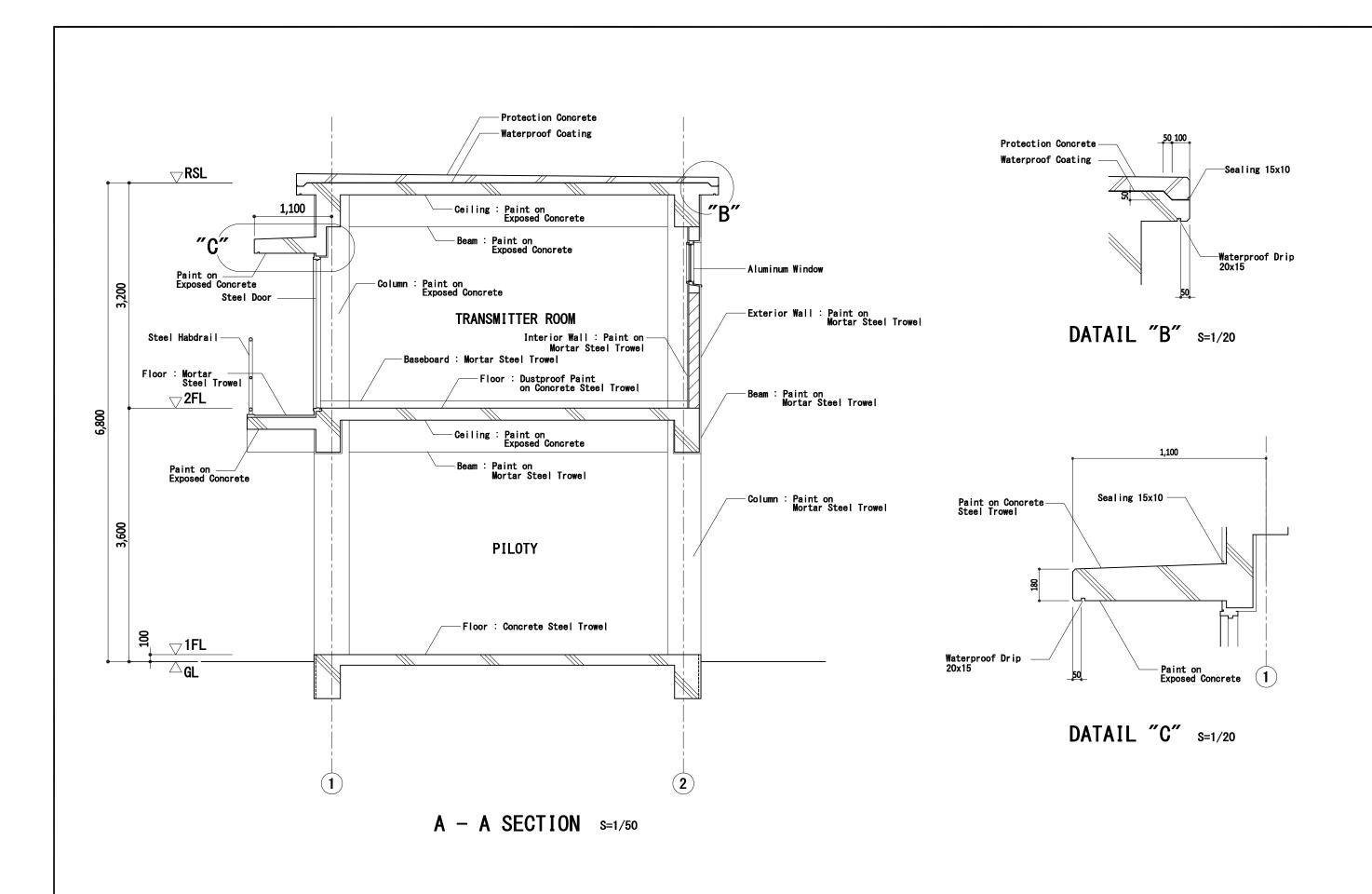


B LINE ELEVATION

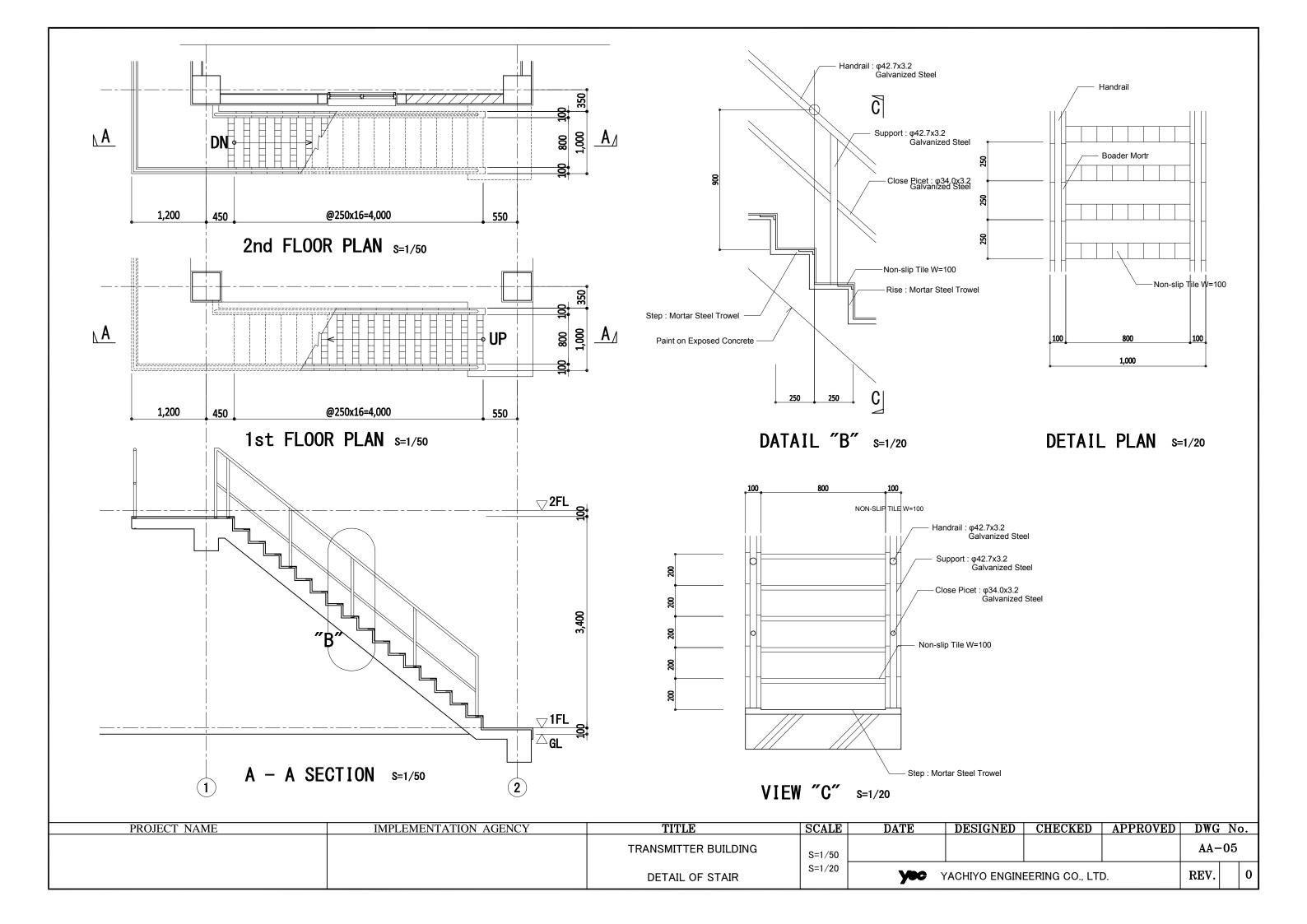
2 LINE ELEVATION

PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG	No.
		TRANSMITTER BUILDING	S=1/100					AA-0	02
		ELEVATION & SECTION	3-1/100	yec	ACHIYO ENGINE	EERING CO., LTI	D.	REV.	0





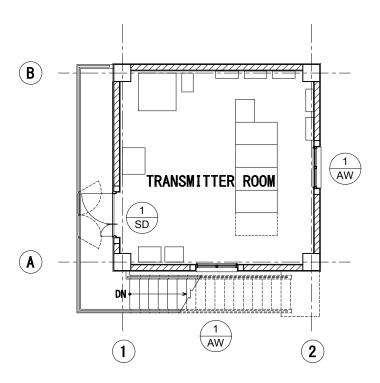
PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG	No.
		TRANSMITTER BUILDING	S=1/50					AA-(04
		ELEVATION & SECTION	S=1/20	yec ·	YACHIYO ENGIN	EERING CO., LT	D.	REV.	0



FITTING LIST

MARK • No.	1 SD X 1	1 X 2	
ELEVATION	1,300	1,000	
TYPE	DUOBLE SWING DOOR	FIXED WINDOW	
MATERIAL . FINISH	STEEL · OIL PAINT	ALUMINUM · ELECTRO COLOR	
GLASS		CLEARD GLASS t=5.0	
HARDWEAR	HINGE, LEVER HANDLE, DOOR CLOSER, KEYLOCK	READY-MADE HARDWEAR	
REMARK			

NOTE :1. Master key system should be applied.
2. Door stopper should be installed for all doors.



FITTING KEY-PLAN

IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG	No.
	TRANSMITTER BUILDING	C=1 /100					AA-(06
	FITTING SCHEDULE	S=1/100	yec \	ACHIYO ENGIN	EERING CO., LT	D.	REV.	0

MEMBER SCHEDULE						
2-1C1	450x450					
RG1	300x500	B1	300x500			
2G1	300x550					
2G2	350x500	S1	t=150+20			
CG1	350x400	CS1	t=150+20			
FG1	300x600	STAIR SLAB	t=180+20			
F1	2300x2300x350					
F2	2500x2500x350					

PROJECT NAME

MATERIAL UNLESS OTHERWISE NOTED	
CONCRETE	1stF-RF Fc=21Mpa
PLAIN CONCRETE	Fc=18Mpa
RE-BAR	D10-D16:SD295A
	D19-D22:SD345
ALLOWABLE SOIL BEARING CAP	ACITY 70kN/m2

IMPLEMENTATION AGENCY

GENERAL NOTES

- 1) /// INDICATED ADDITIONAL CONCRETE
- 2) CONCRETE BLOCK t=150
- 3) OPENING
- 4) INDICATED REINFORCED CONCRETE SLAB-ON GROUND

SCALE

S=1/100

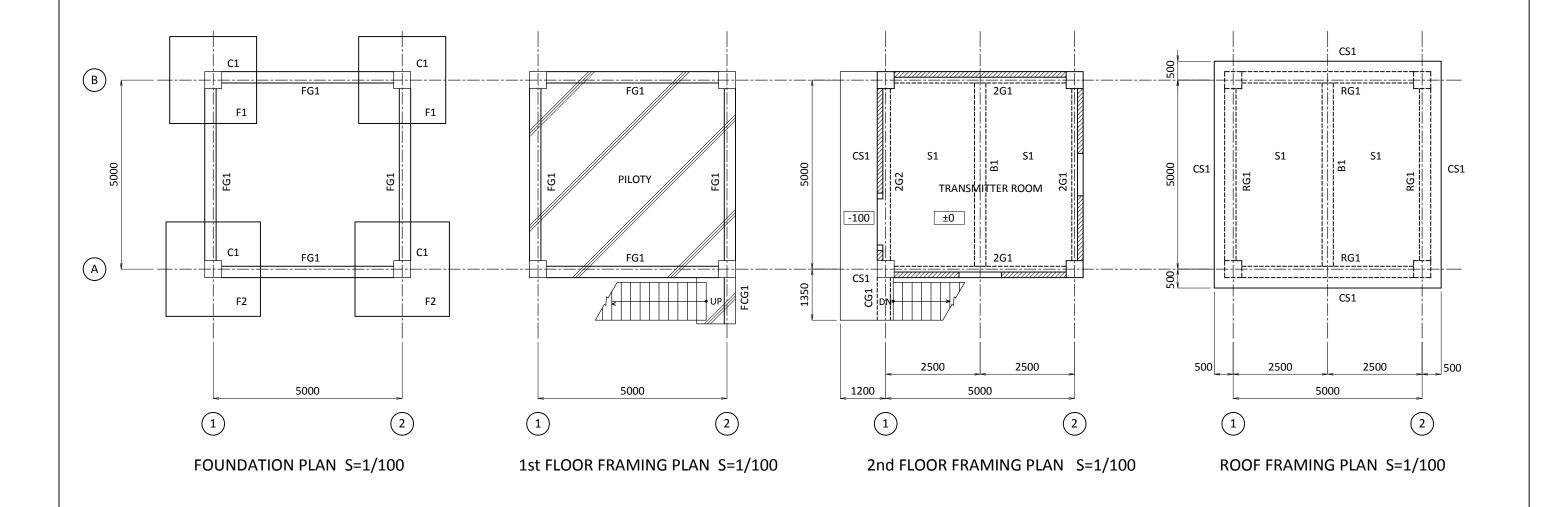
DATE

DESIGNED | CHECKED | APPROVED | DWG No.

YACHIYO ENGINEERING CO., LTD.

AS-01

REV.

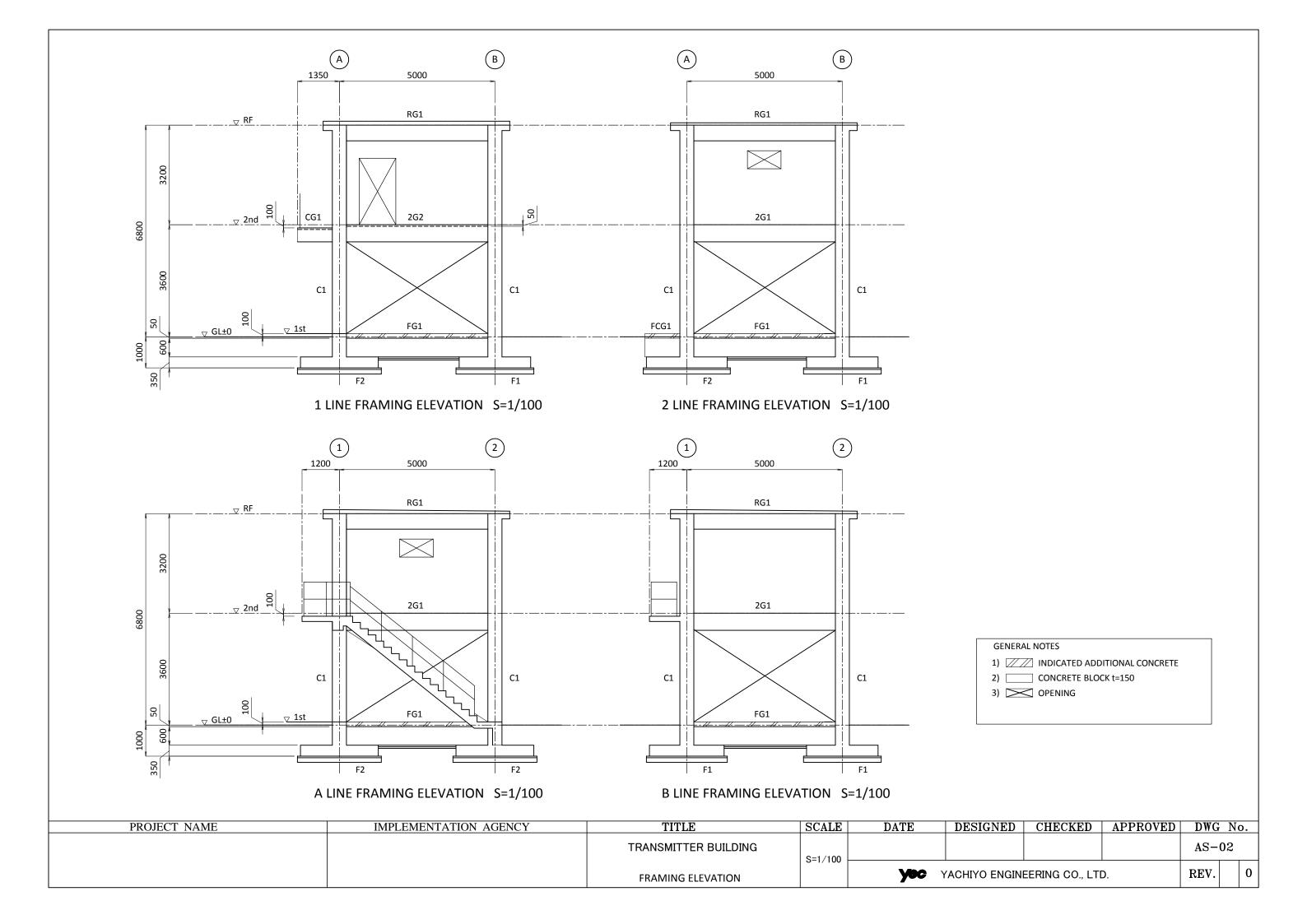


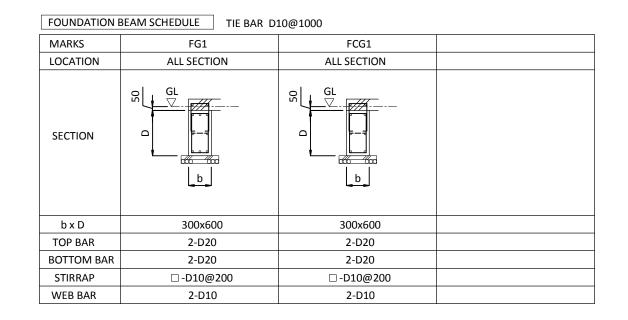
TITLE

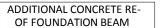
FOUNDATION PLAN AND

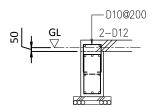
TRANSMITTER BUILDING

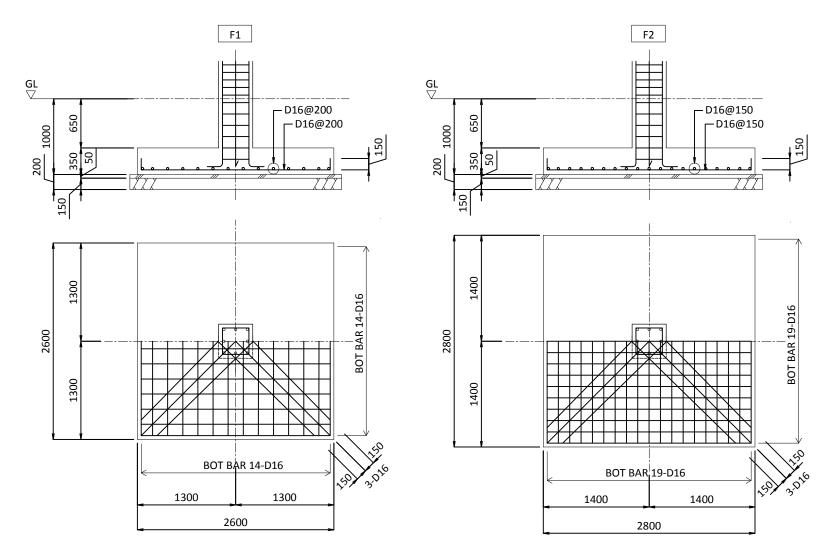
1st, 2nd, ROOF FRAMING PLAN







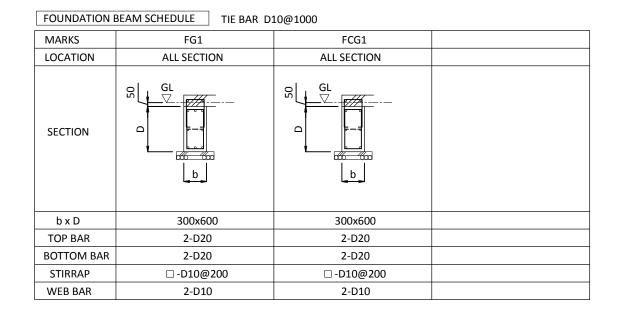




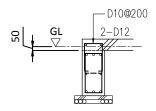
LOCATION SCHEDULE

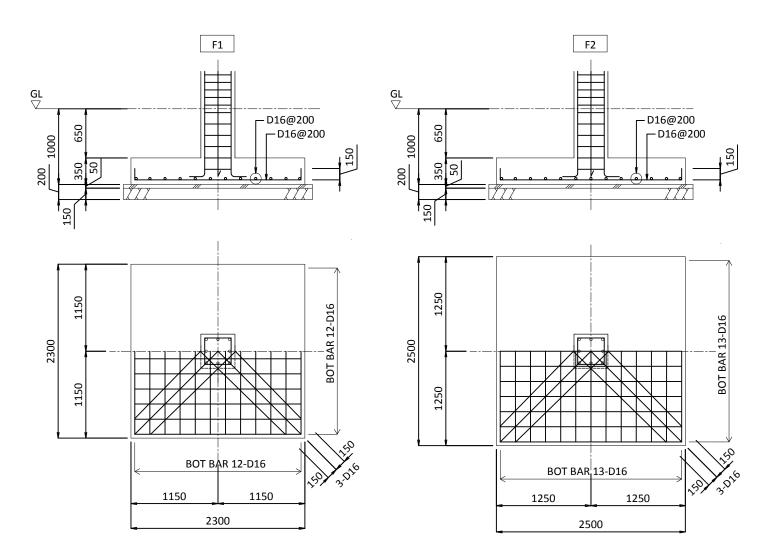
LOCATION NUMBER	LOCATION	REMARK
7	Naifaru	
15	Guraidhoo	
	2 LOCATIONS	

PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG N	Vo.
		TRANSMITTER BUILDING						AS-03	3
		ALLOWABLE SOIL BEARING CAPACITY 60kN/m2 FOUNDATION SCHEDULE	S=1/50	увс	YACHIYO ENGINI	EERING CO., LTI	D.	REV.	0



ADDITIONAL CONCRETE RE-OF FOUNDATION BEAM

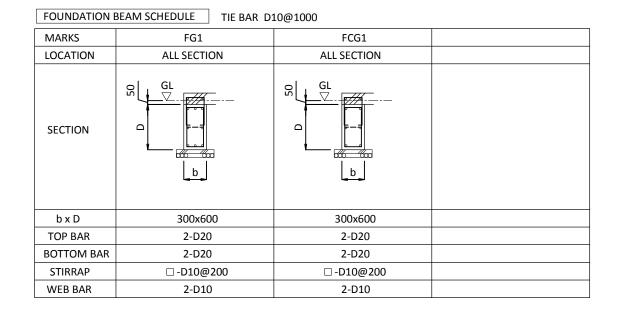




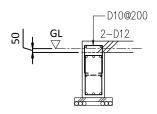
LOCATION SCHEDULE

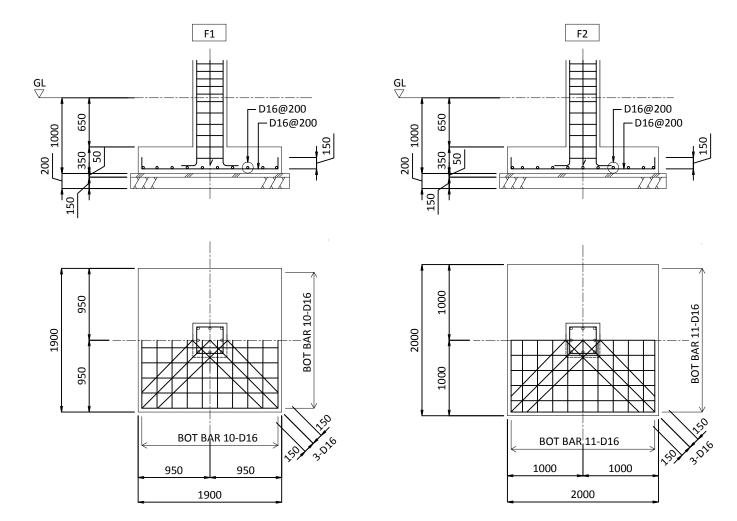
LOCATION NUMBER	LOCATION	REMARK
9	Maafushi	
	1 LOCATION	

PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE DESIGNED CHECKED APPROV			APPROVED	D DWG No.		
		TRANSMITTER BUILDING						AS-0	14	
		ALLOWABLE SOIL BEARING CAPACITY 70kN/m2 FOUNDATION SCHEDULE	S=1/50	YSC YACHIYO ENGINEERING CO., LTD.		D.	REV.	0		



ADDITIONAL CONCRETE RE-OF FOUNDATION BEAM

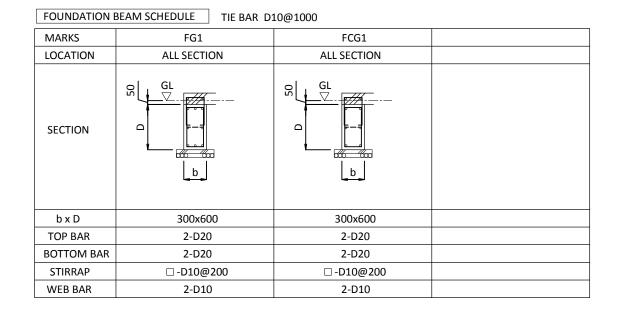




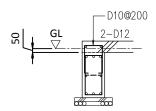
LOCATION SCHEDULE

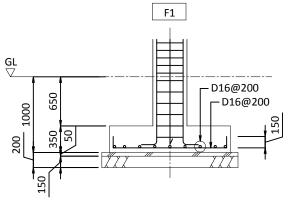
LOCATION NUMBER 1 Dhidhdhoo 2 Kuludhufushi 3 Funadhoo 4 Manadhoo 16 Villingili 17 Gadhdhoo 20 Foammulah 7 LOCATIONS			
2 Kuludhufushi 3 Funadhoo 4 Manadhoo 16 Villingili 17 Gadhdhoo 20 Foammulah	LOCATION NUMBER	LOCATION	REMARK
3 Funadhoo 4 Manadhoo 16 Villingili 17 Gadhdhoo 20 Foammulah	1	Dhidhdhoo	
4 Manadhoo 16 Villingili 17 Gadhdhoo 20 Foammulah	2	Kuludhufushi	
16 Villingili 17 Gadhdhoo 20 Foammulah	3	Funadhoo	
17 Gadhdhoo 20 Foammulah	4	Manadhoo	
20 Foammulah	16	Villingili	
	17	Gadhdhoo	
7 LOCATIONS	20	Foammulah	
7 LOCATIONS			
		7 LOCATIONS	

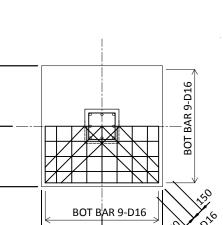
PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG 1	No.
		TRANSMITTER BUILDING						AS-05	5
		FOUNDATION SCHEDULE	S=1/50	yec	YACHIYO ENGINI	EERING CO., LTI	D.	REV.	0



ADDITIONAL CONCRETE RE-OF FOUNDATION BEAM

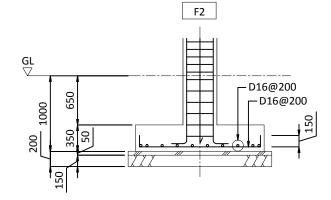


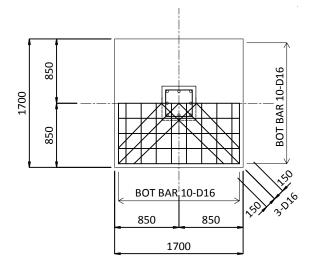




800

1600



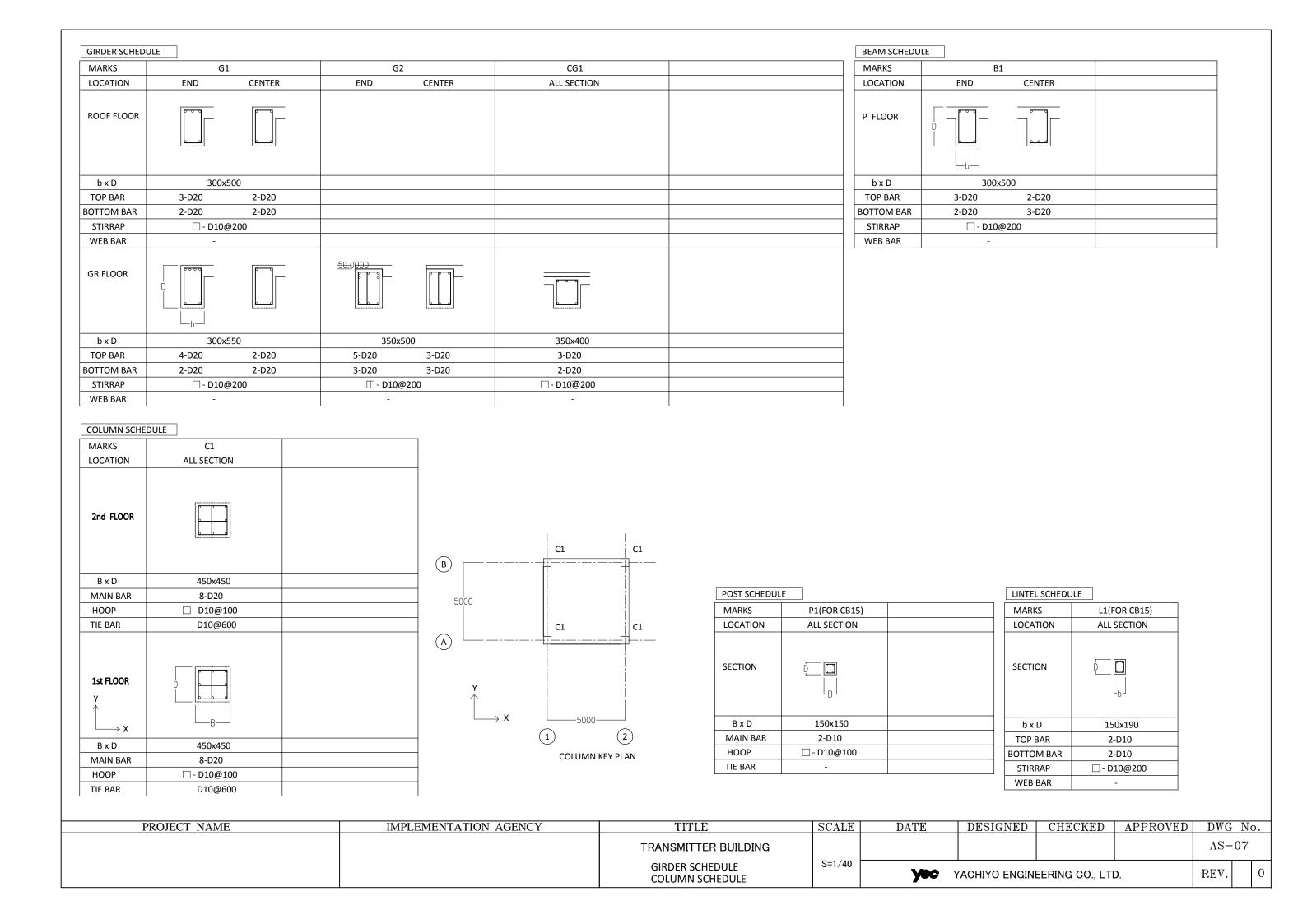


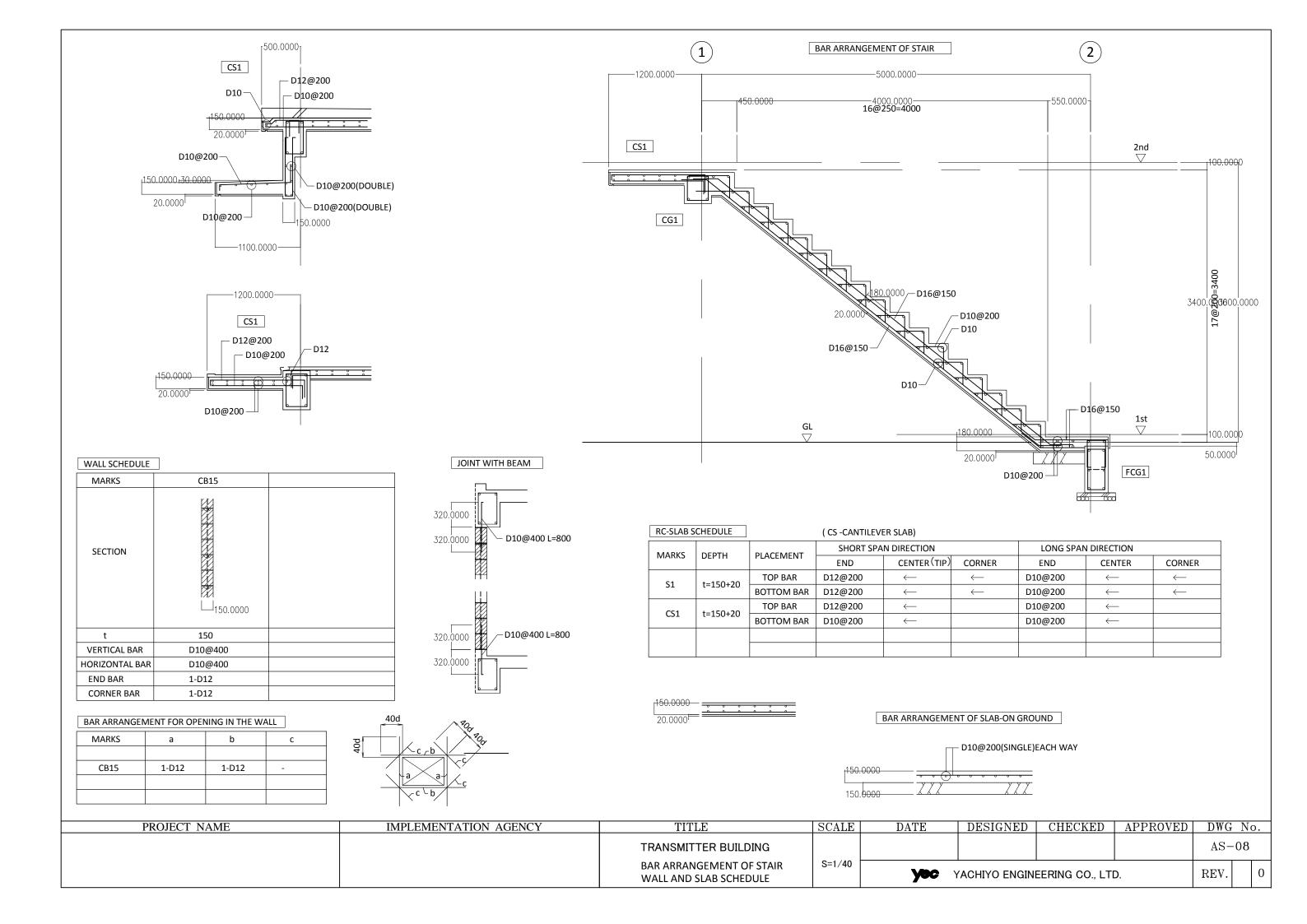
LOCATION SCHEDULE

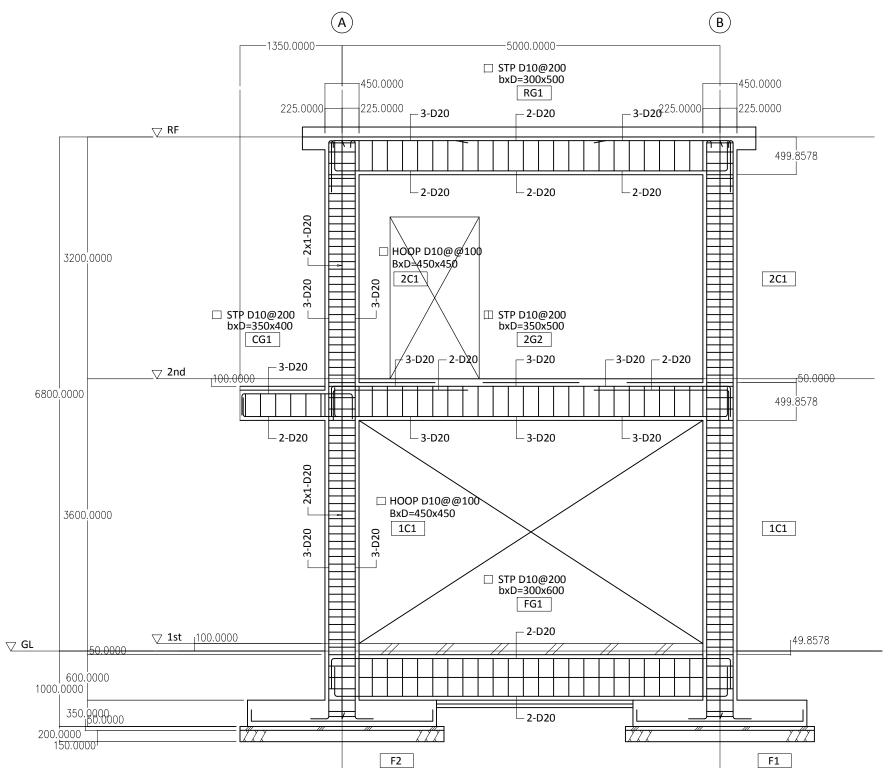
LOCATION NUMBER	LOCATION	REMARK
5	Ungoofaaru	
6	Eydhafushi	
8	Male(Villingili)	
10	Falidhoo	
11	Dhangethi	
12	Feeali	
13	Nilandhoo	
14	Gan	
18	Fiyoari	
19	Thinadhoo	
21	Hithadhoo	
	11 LOCATIONS	

PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG	No.
		TRANSMITTER BUILDING ALLOWABLE SOIL BEARING CAPACITY 140kN/m2 S=						AS-0)6
		FOUNDATION SCHEDULE	S=1/50	YCC YACHIYO ENGINEERING CO., LTD.				REV.	0

1600



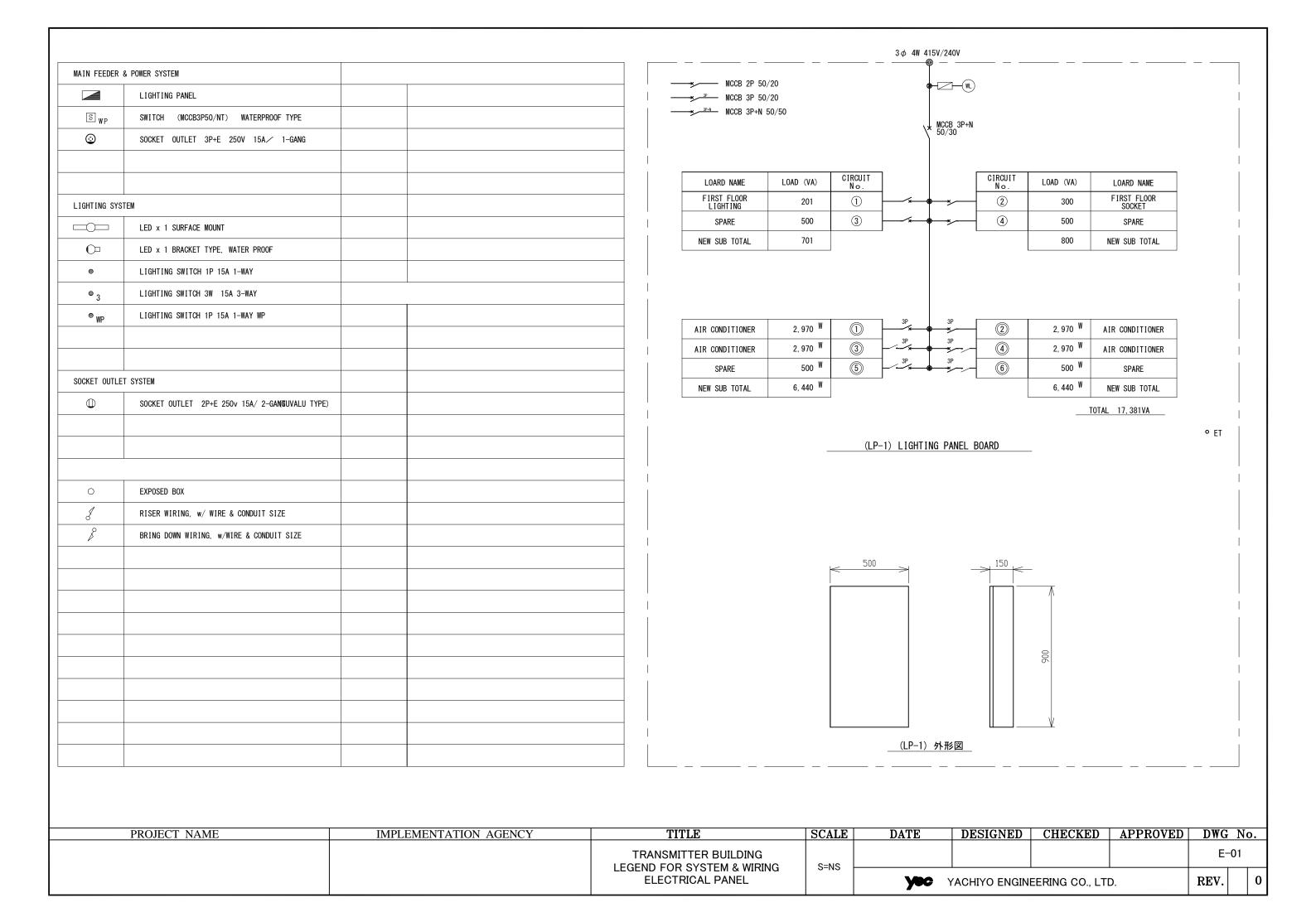




1 LINE FRAMING ELEVATION S=1/50

COLUMN: TIE BAR D10@600 GIRDER: WEB BAR 2-D10 TIE BAR D10@1000

PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG N	Vo.
		TRANSMITTER BUILDING						AS-09	•
		BAR ARRANGEMENT OF FRAMING ELEVATION	S=1/50	YOC YACHIYO ENGINEERING CO., LTD.			REV.	0	

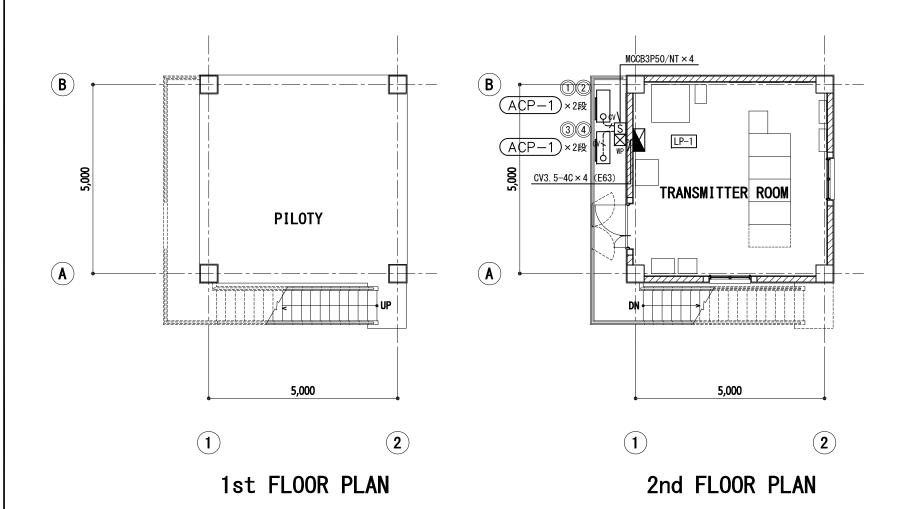


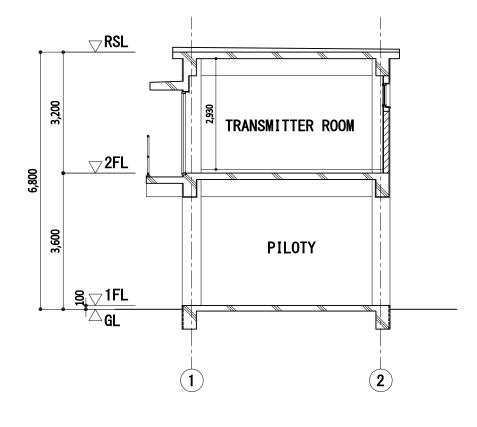


------ IV3. 5° × 3 E3. 5° (E19) ----- $\frac{6}{----}$ IV3. 5° × 6 E3. 5° (E25) ----- $\frac{CV}{----}$ CV3. 5° -4C (28)

* REFER TO THE FOLLOWING SIZE OF BOXES

WP: STAINLESS STEEL





A - A SECTION

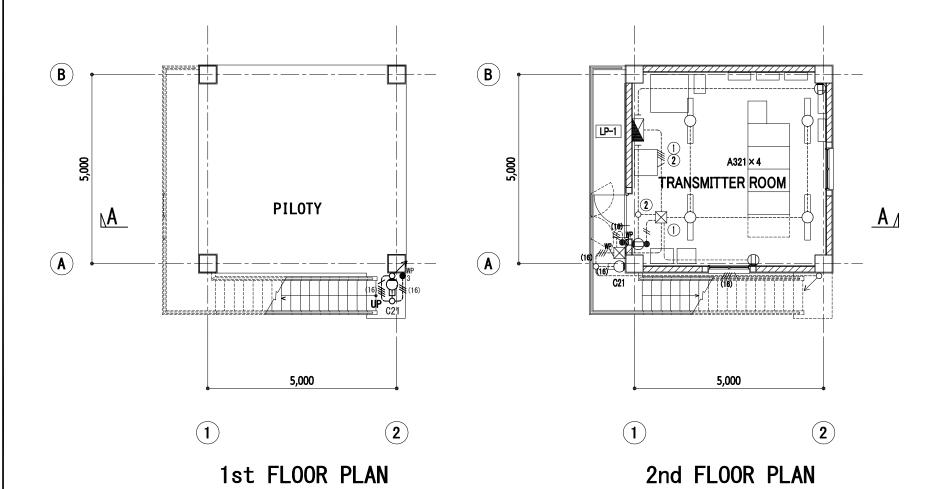
PROJECT NAME	IMPLEMENTATION AGENCY	TITLE TRANSMITTER BUILDING	SCALE			CHECKED	APPROVED	DWG N E-02	
		POWER SUPPLY PLAN	S=1/100	YOC YACHIYO ENGINEERING CO., LTD.		REV.	0		

LIGHTING FIXTURE SCHEDULE

A	SURFACE MOUNTED REFLECTOR TYPE	С	Bracket Type, Water Proof	
A321	LED33W	C21	LED12W	
A321W	LED33W (Water Proof)			

LEGEND

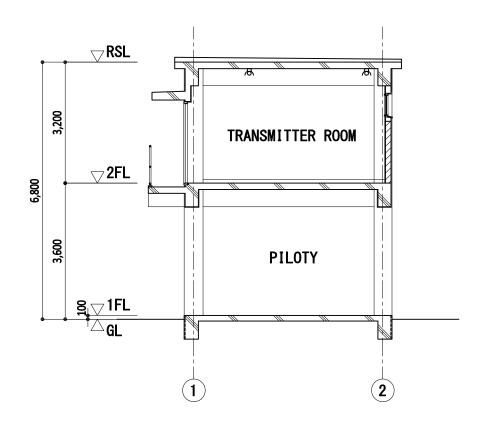
1. RATED VOLTAGE : 1 \(\phi \) 240V-50Hz
2. POWER FACER : HIGH POWER FACTOR



* REFER TO THE FOLLOWING SIZE OF WIRE AND LAYING PIPES

* REFER TO THE FOLLOWING SIZE OF BOXES

WP: STAINLESS STEEL



A - A SECTION

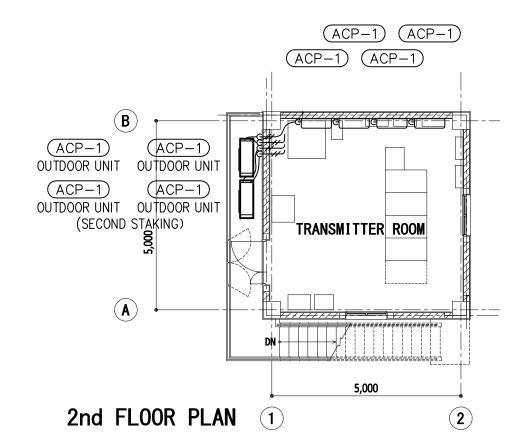
PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DATE DESIGNED CHECKED APPROVED				
		TRANSMITTER BUILDING LIGHTING FIXTURE & S=1/100						E-03	3
		LIGHTING FIXTURE & OUTLET SOCKET PLAN	3=1/100	YACHIYO ENGINEERING CO., LTD.			REV.	0	

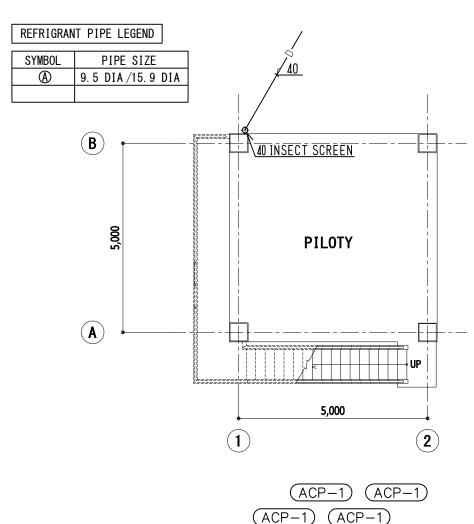
EQUIPMENT SCHEDULE

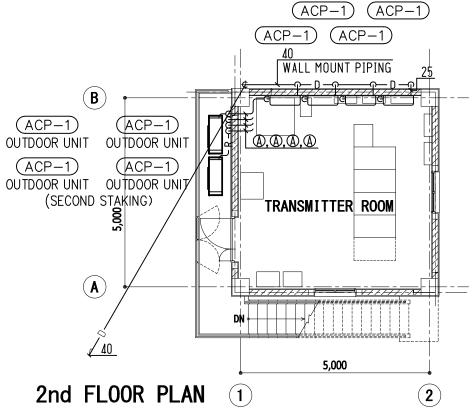
SYMBOL	DESCRIPTION	QTY	SPECIFICATION	LOCATION
ACP-1	WALL MOUNTED TYPE HEAT-PUMP SYSTEM AIR CONDITIONER (CORROSION PROOF TYPE)	4	COOLING CAPACITY: 8.0 kW CONSUMPTION POWER: 2.97 kW COMPRESSOR POWER: 1.3 kW INDOOR FAN POWER: 40 W OUTDOOR FAN POWER: 50 W POWER: 3 PHASE - 220 V - 60 Hz	TRANSMITTER ROOM

LEGEND

— D — DRAIN PIPE (UNPLASTICIZED) POLY VINYL CHLORIDE







PROJECT NAME	IMPLEMENTATION AGENCY	TITLE	SCALE	DATE	DESIGNED	CHECKED	APPROVED	DWG N	<u>10.</u>
	ļ	TRANSMITTER BUILDING	S=1/100					M-0:	1
		VENTILATION AND AIR CONDITIONING SYSTEM EQUIPMENT SCHEDULE	3-17100	YOC YACHIYO ENGINEERING CO., LTD.				REV.	0

